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DIGGS & BEADLES

INCORPORATED

SUPERIOR SEEDS

165

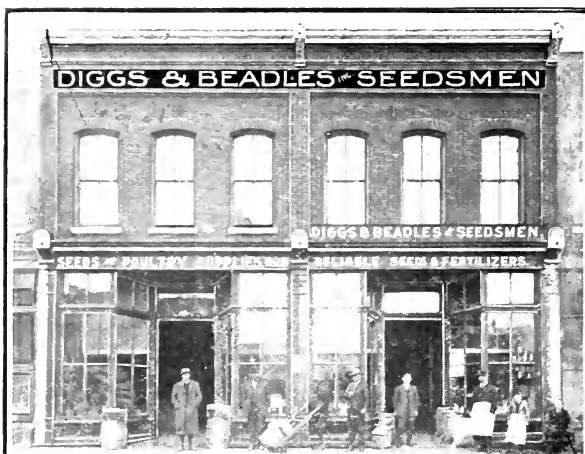
1914

"TESTED
AND
TRUE"

GENERAL STORE AND OFFICE 1428 E. MAIN STREET.
BRANCH STORE AND WAREHOUSE 1711 E. FRANKLIN ST.
BRANCH STORE (UPTOWN) 603 AND 605 E. MARSHALL ST.

RICHMOND, VA.

D. & B.'S TESTED SEEDS

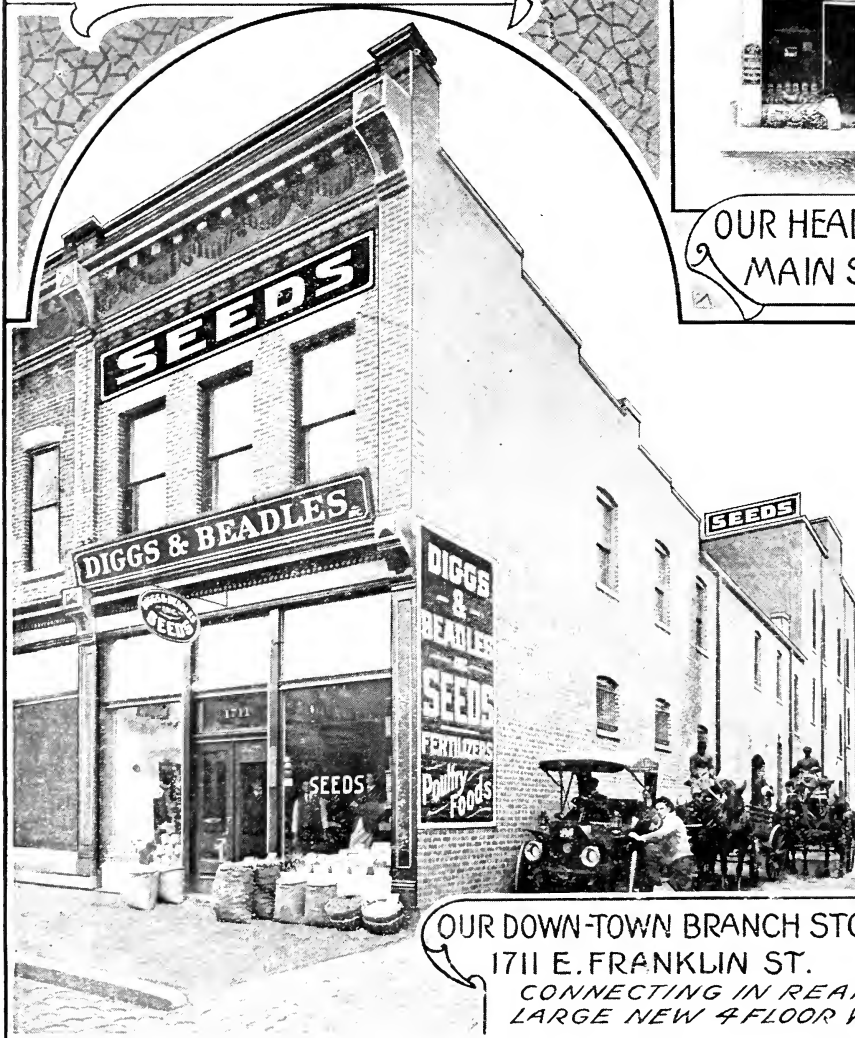


OUR UP-TOWN BRANCH STORE
603-605 E. MARSHALL STREET



OUR HEADQUARTERS
MAIN STORE AND

OFFICE
1428
E. MAIN
STREET



OUR DOWN-TOWN BRANCH STORE
1711 E. FRANKLIN ST.

CONNECTING IN REAR WITH OUR
LARGE NEW 4 FLOOR WAREHOUSE

OUR VARIOUS STORES AND WAREHOUSE FROM WHICH DIGGS & BEADLES' SUPERIOR SEEDS, TESTED AND TRUE, ARE DISTRIBUTED TO OUR MANY CUSTOMERS.

To Our Friends and Customers

Since our modest beginning eleven years ago each succeeding year has brought to us marked increase in the volume of business done. Such indeed has been the demand for our high-grade Seeds that we have found it necessary to again enlarge our quarters and during the past year we have had built a large four floor warehouse and new store at 1711 East Franklin Street. This building is thoroughly equipped with up to date fixtures and Seed cleaning machinery, giving us now a floor space of 29,077 square feet, and splendid shipping facilities, while our other two stores are still maintained at the same locations. Our facilities for handling orders promptly and efficiently being now unsurpassed.

We wish to thank our customers for their liberal patronage and influence during the past and earnestly solicit its continuance, promising on our part every consideration and courtesy in serving them.

From those who have never used our Seeds we ask a trial order. Our Seeds are worth the price we ask for them. They please our old customers and make new ones.

The growth of our business from year to year is conclusive evidence that D. & B's Seeds are good Seeds and the table given below will show convincingly how Superior Seeds and square dealing redound each year in the increase of our business.

By continual care we shall put forth every effort to maintain the high standard and reputation our Seeds have earned, and if possible to strengthen it as the years go by.

Soliciting a continuance of your patronage and wishing you a happy and most prosperous new year, we remain.

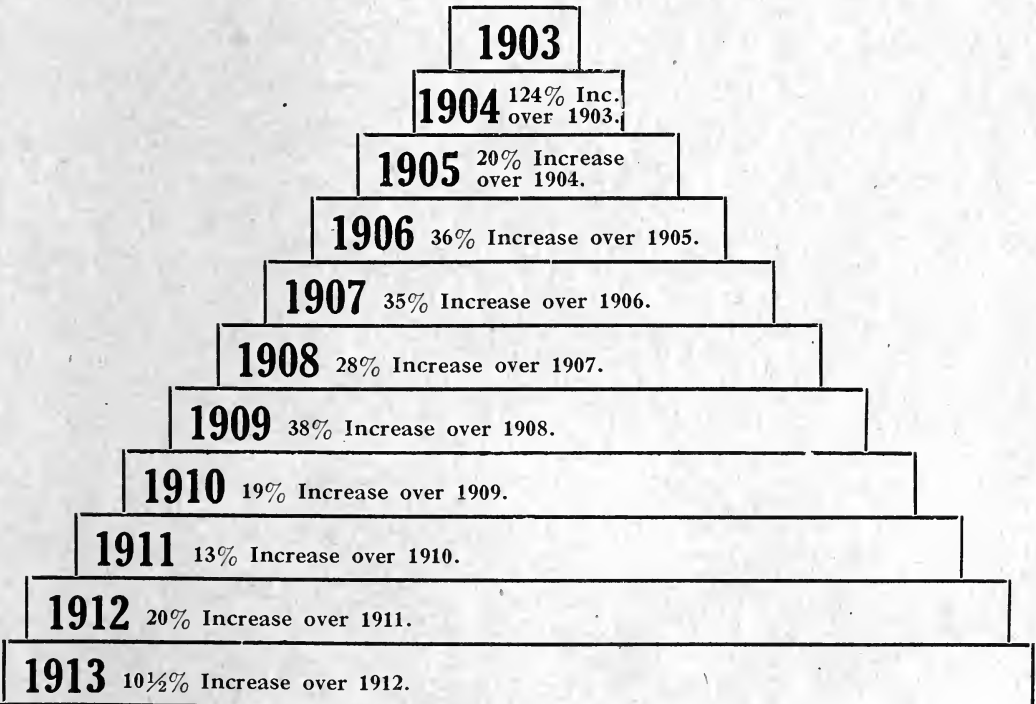
Most cordially yours,

DIGGS & BEADLES, Inc.

Richmond, Va.,
January 1st, 1914.

Our Business Grows

FOUNDED DECEMBER 1st, 1902



Moral—Good Seeds and Square Dealing Grow Good Business.

To Our Correspondents---Important Notes and Suggestions

How to Send Money--Remittances should be made either in the form of an Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. 1c and 2c postage stamps will be accepted for small amounts, provided they are carefully wrapped, so as to prevent sticking. When personal checks are sent, add 10 cents to cover the cost of collecting. Banks now charge exchange on personal checks.

Be Sure to Give Full Name and Address with each order. Every season we get a number of orders without name of sender or Post Office, and the post mark on the envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is their own entirely. We therefore beg our correspondents to **write their full name and address on each order.**

You Run No Risk in sending cash with your order. Our reputation as honest and experienced Seedsmen is well known, while our financial responsibility can be learned of any Bank, Trust Company or Wholesale Merchant, who are subscribers to either of the Commercial Agencies.

Seeds By Mail--The new **Parcels Post Law** does not affect **Seeds, Bulbs, or Plants**, so far as the **rate of postage is concerned.** But a package weighing 20 lbs. can now be sent by mail, whereas, heretofore only 11 lbs. could be sent by mail in one package, but the postage rate on these articles remain as before, 1c for 2 ozs., or fraction thereof, regardless of distance. REMEMBER, however, that we pay postage on all Seeds sent by mail at our catalogue price on Pkts., ounces and one-quarter lbs., when larger quantities are to be sent by mail add for postage 10c per single lb. package. When quarts are ordered add 15c per quart on Peas, Beans and Corn, and 10c per quart on Onion Sets. For postage rates on articles subject to Parcels Post, see instructions and table on inside back cover.

Seeds by Express--By special agreement the Express Companies will carry Seeds from Richmond to all points at an average rate of about 20 per cent. less than the usual merchandise rate, and a package weighing 5 pounds or less will be delivered to any Express Office in the State of Virginia, for 25 cents when prepaid. It is authoritatively stated, however, that Express rates will be materially reduced early in the year and when the new rates are put into effect, Seeds will no doubt carry a much lower rate than now prevails. Goods wanted C. O. D. by express must have 25 per cent. of the amount accompany the order. We can not ship C. O. D. by freight to points where there is no bank.

Orders from Unknown Correspondents--Customers who have no regular accounts with us must remit the amount with their orders or name satisfactory business references, as customary before opening new accounts.

We Make No Charge for Drayage or delivery of goods to any railroad station, steamship line or express office in Richmond city proper. Cotton sacks only are charged for at cost. 2½ bushels Cotton sacks are 22 cts. each. All grass seed bags, excepting bags for Timothy, Herds Grass and Clover are furnished free.

Remember--Our packets of seed are large and well filled, and should not be confused with the 2½ cents and 3 cents size packets sold by some dealers.

Change of Address--Should any of our customers change their Post Office address we would be glad if they would advise us.

Errors--Our firm with its money invested, its success and reputation at stake could not permit an error to stand uncorrected. We exercise the greatest care to prevent errors, but human hands and minds must be depended upon which are not infallible, and mails will miscarry, but please remember this, that the complete satisfaction of our customers is our first wish, and if an error is made we are more anxious to correct it than you could be to have us do so, and an opportunity to make restitution is always sincerely appreciated.

It is always very gratifying to us to get a word of praise relative to our Seeds. If you are pleased with them and the handling of your orders, tell us so, if not, tell us anyway, it will be a great help to us.

Prices on Field Seeds, Onion Sets and Potatoes are constantly fluctuating. The prices given in this Catalogue are those ruling January 10th, 1914. But they are not binding and may change at any time. We will cheerfully quote prices at any time on request, and we will always fill open orders entrusted to us at the lowest prices possible for the best quality seeds. It frequently occurs that the prices of articles may have changed between the time our catalogue is printed and receipt of orders. When such is the case on paid orders, if the article ordered is cheaper, we will send the value of such articles at the ruling prices. If the articles are higher we will deduct the quantity to meet the amount of remittances. We do this to save the delay of correspondence. But in case you wish to limit your price, please so state on your orders.

About Warranting Seeds--We exercise the greatest possible care in growing or buying, in examining, in testing and in every department of the business to guard against mistakes and insure reliability. And to insure against sending out any but reliable Seeds, we have established and thoroughly equipped a Seed Laboratory for analyzing and testing all the Seeds we send out, and we were most fortunate in securing the services of a thoroughly competent and skilled Seed Analyst and Botanist from the Seed Laboratory of the Department of Agriculture in Washington. We now have an up-to-date Seed Laboratory, unsurpassed for accurate seed testing, both as to purity and germination, and our customers can rest assured that all Seeds purchased from us have been thoroughly and carefully tested, and under ordinary conditions and with proper cultivation will certainly grow good crops, yet no Seedsman can, or ever does in good faith, assume any responsibility for crops grown from Seeds supplied by them, there being too many causes known and unknown which prevent good seeds from germinating. Therefore, in common with all responsible seed houses we sell our goods subject to the following, and all orders sent us will be filled under these conditions only: Diggs & Beadles, Inc., give no warranty, express or implied, as to growth, description, quality, productiveness or any other matter of any Seeds, Bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

IRISH POTATOES

GENUINE MAINE GROWN SEED

Selected Seed Irish Potatoes is one of our leading specialties, and we have the most reliable and experienced Potato Growers in Maine to grow our Seed Stock especially for us under their personal supervision. These are grown especially for Seed purposes. Are the best to be obtained and are far superior to so-called Seed Potatoes offered by many Commission Merchants and Produce Dealers at lower prices. We have received many flattering testimonials from our customers who have been planting our Seed Potatoes for years, and the demand for them is increasing enormously.

As a long list of varieties (many of which have no special merit) is often confusing to our customers we have selected only the varieties which are best adapted to the South and give the best and most satisfactory results.

The price of Potatoes is constantly fluctuating and the prices quoted here are the ruling prices January 10th, 1914, and are not binding, but we will be glad to quote firm price at any time on request.

Owing to the high cost of barrels we quote these Potatoes in heavy 11 peck barrel size sacks.

CULTURE.—Irish Potatoes should be planted in the spring, as early as the ground can be prepared, in rich soil; rows 3 feet apart, plants 15 inches apart in row. Manure should be well rotted and mixed with soil to avoid scab. For late crops plant from June to August. We advise the use of sulphur on potatoes when planting. Sprinkle powdered sulphur on the cut tubers, which is a preventive of blight and scab. Many of our largest potato planters always use it, with the best results. 1 lb. is sufficient for 1 bushel of potatoes. We can supply this at 5 cts. per lb. Ten lbs. or over at 4 cts. per lb. Barrel prices on application.

HENRICO CO., VA., June 20, 1913.

The D. & B.'s Extra Early Eureka Potatoes which I purchased from you are the finest Potatoes I ever raised. I planted them right, along by the Irish Cobbler Potatoes, and found that they yielded more Potatoes and are a nicer size and much prettier than the Cobblers. I wish I had planted my entire crop in your Eureka Potatoes.

Yours truly,

F. D. JOHNSON.

LUNENBURG CO., March 13, 1913.

I received the Seed on Monday, and I am certainly pleased with them. I ordered about twenty different kinds of Seed, but every kind came just as I ordered it. I think the Potatoes are the finest I have ever seen. They are very large, perfectly smooth, full of eyes, and a beautiful shape, and every one of them perfectly sound. No one can make a mistake in ordering Seeds from you.

Yours truly,

F. W. ENGLAND.

LUNENBURG CO., VA., March 13, 1913.

I wish to say to you that I was highly pleased with the two barrels of Peach Blow Potatoes, which I purchased from you last year. In fact I am much pleased with all Seeds I have bought from you.

Yours truly,

H. L. ABELL.

MOSELEYS JUNCTION, VA., October 24, 1913.

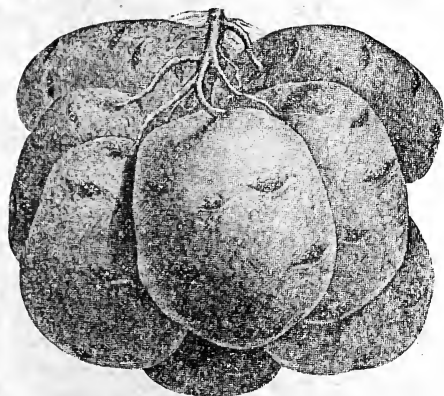
I planted the one bushel of Green Mountain Potatoes I purchased from you on July 6th, and made the best crop I ever saw grown in this neighborhood. I made forty-one bushels of nice large Potatoes from the one bushel of Seed that I purchased from you, and the Fertilizer I used on the bushel cost only \$1.50 per sack.

Respectfully,

G. W. BLANKENSHIP.

D. & B.'S EXTRA EARLY EUREKA

This Extra Early variety is similar in shape and size to the Irish Cobbler, but is much smoother and of far better quality. The firm white flesh is of good flavor when cooked, the skin is of snowy whiteness and the vines resist drought remarkably well. As a first early potato it is considered by many far better than the Irish Cobbler. Potato planters who have grown these potatoes speak of them in the highest praise as a money-maker. Maine grown seed. Pk., 50 cts.; bu., \$1.50; 11 pk. sack, \$3.75.



D. & B.'S EXTRA EARLY EUREKA

IRISH COBBLER—This is the most popular variety for market gardeners and truckers. It is one of the earliest, and very productive, nearly all of the tubers growing to a large size.

Maine Grown—Pk., 50 cts.; bu., \$1.40; 11 pk., sack \$3.60.

Virginia Grown—R ised from Maine grown seed, planted in July. These are hardier and more prolific than the Maine grown seed, but probably not quite as early. Pk., 50 cts.; bu., \$1.40; per 11 pk. sack, \$3.50.

EXTRA EARLY SUNLIGHT—A beautiful early, pure white Potato of unsurpassed quality and is an abundant yielder on good, light or loamy soil. A most excellent variety for family use and a general favorite. Maine grown; pk., 50 cts.; bu., \$1.50; 11 pk. sack, \$3.75.

HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this potato is absolutely true to name, and should not be compared with the cheap Western grown stock. Maine grown. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.40.

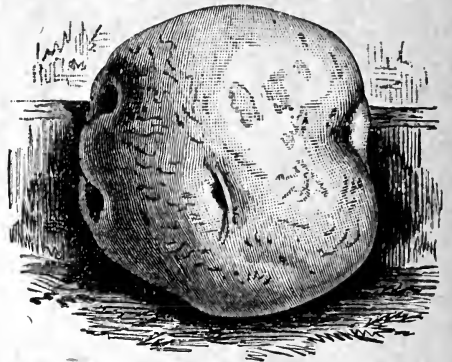
EARLY WHITE ROSE—A beautiful large White Potato, similar in shape to the old Early Rose, but is pure white. An excellent yielder and of splendid quality. Maine grown. Pk., 50 cts.; bu. \$1.40; 11 pk. sack, \$3.60.

PRIDE OF THE SOUTH, OR WHITE BLISS—One of the earliest and hardest varieties, oblong shape, white skin with pinkish eyes. Maine grown. Pk., 50 cts.; bu., \$1.40; 11 pk. sack, \$3.60.

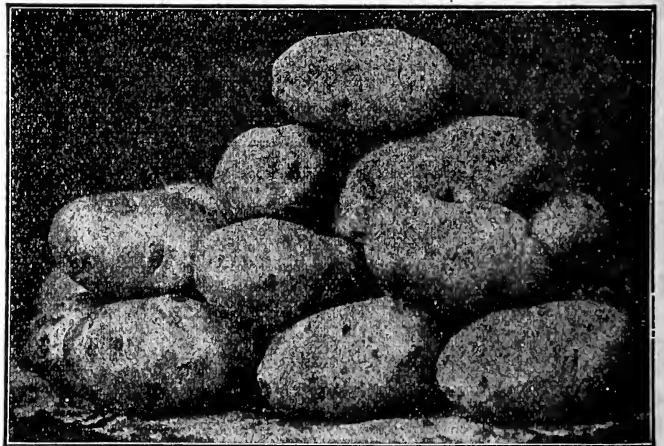
BLISS TRIUMPH OR RED BLISS—One of the earliest and most prolific varieties. It is nearly round and uniform in shape; beautiful bright red color. Virginia grown raised from Maine grown seed. Pk., 45 cts.; bu., \$1.30; per 11 pk. sack, \$3.25.

MEDIUM AND LATE VARIETIES

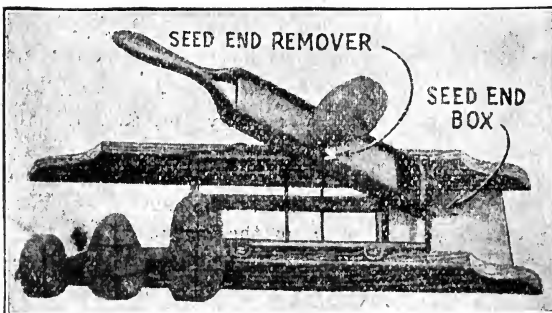
GREEN MOUNTAIN—A large, handsome, pure white potato, for main or late crop; a prolific yielder and, invariably of fine eating quality, cooking dry and mealy. It has largely superseded other varieties for late planting. Is also one of the best varieties for main crop, maturing about 2 weeks later than the Irish Cobbler. We will have a nice stock of this variety on cold storage for planting in July. Present price, Maine grown. Pk., 45 cts.; bu., \$1.40; per 11 pk. sack, \$3.50.



IRISH COBBLER

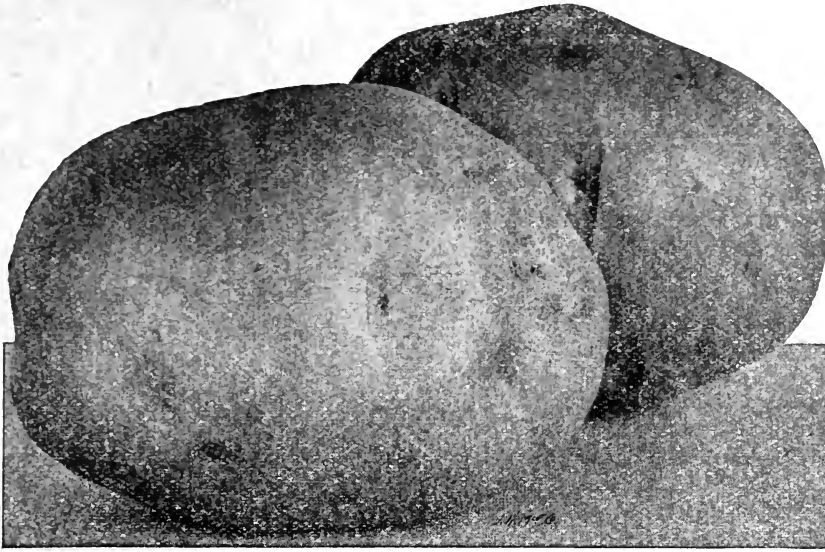


EARLY SUNLIGHT POTATOES

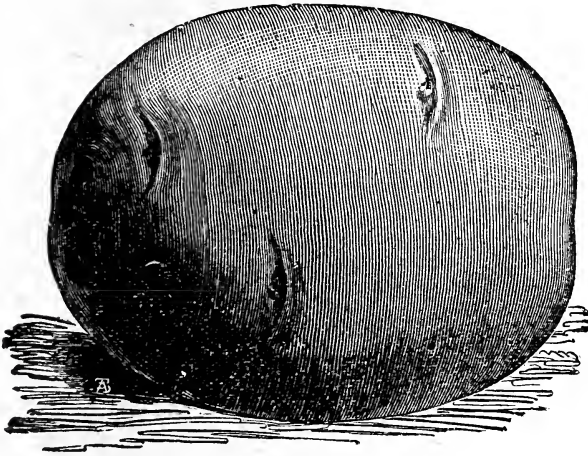


Gem Seed Potato Cutter.

The construction of this Potato Cutter is very simple and is built for accuracy as well as convenience. It is strong and durable. The knives are of good quality steel and are fit to grooves in the frame, making them easy to remove if necessary. It will cut any size potato in pieces, thereby assuring more accurate planting when power planting is used. From 6 to 8 bushels can be cut by it in an hour. The time and labor saved will more than pay for it the first time it is used, and it will fill a long felt want with potato growers. Pamphlet free on request. Price, \$2.25 P. P. 7 lbs.



GREEN MOUNTAIN POTATO



VERMONT GOLD COIN

VERMONT GOLD COIN—This is a beautiful blush white potato, nearly round. Is a sure cropper and a very productive main crop Potato. It is about 10 days later in maturing than the Irish Cobbler, but is a much better keeper, and is also of better quality. Maine grown. Pk., 50 cts.; bu., \$1.35; 11 pk. sack, \$3.50.

THE SNOW—This main crop potato originated in Maine, and after repeated trials in various sections of the country has proved itself to be of great value on account of its immense yield, together with the fact that it invariably produces very few small potatoes. In shape, it is roundish, slightly flattened eyes on the surface; the skin is well netted. It has no superior as a baking potato. The Snow is just what the markets desire and will bring fancy prices. You will like this Potato; try it. Maine grown. Pk., 60 cts.; bu., \$1.60; 11 pk. sack, \$4.00.

IMPROVED WHITE PEACH BLOW—One of the old standard and popular varieties; very productive, of good quality and a splendid keeper. Recommended only for late planting. Virginia grown. Write for prices in June or July.

COLD STORAGE POTATOES.

We will have a nice stock of different varieties of Seed Potatoes, kept on cold storage for late planting. Write for prices in June or July.

Vegetable Seeds

Asparagus

CULTURE—Asparagus seed can be sown either in the Spring or the Fall, but we recommend sowing it in the Spring. It should be sown thinly in rows, one foot apart. When it is up give frequent cultivations until plants are one year old, then transplant to permanent beds, and place the roots 16 to 18 inches apart each way with the crown of the root 4 inches below the surface. Use your best soil for Asparagus. You cannot get it too rich, nor can you use too much manure on this crop.

PALMETTO—This is the favorite and the earliest variety grown in the South. It is becoming more popular every year with both market and home gardeners. It is adapted to all sections where Asparagus can be grown. It grows to a large size and is very productive. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

COLUMBIAN MAMMOTH WHITE—A very large variety, and stays white as long as it is fit for use, and requires but little artificial blanching. A good variety for general use. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

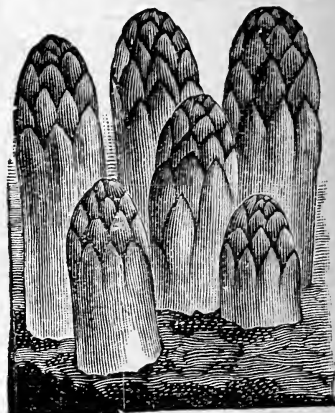
CONOVER'S COLOSSAL—The old standard variety, very prolific, tender, and of good quality and flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GIANT ARGENTIEUL—One of the largest French Sorts, and is very popular in trucking sections where it has been grown. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

ASPARAGUS ROOTS.

The quickest and most satisfactory way to grow asparagus is from the roots. We offer the 2 year old Palmetto Roots at 75 cts. per 100, \$4.00 per 1,000.

ASPARAGUS KNIVES—Very handy and useful for cutting asparagus, each, 40 cts. P. P. 6 ozs.



ASPARAGUS

Bedford County, Va., February 30, 1913.
The two lots of Asparagus Roots I have previously gotten from you gave such good results, hence my third order.

Yours truly,

W. F. ROSSER.



D. & B.'S IMPROVED EARLY RED VALENTINE BEANS

Bush Snap Beans

GREEN-PODDED VARIETIES.

Packets of Beans put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up *liberal sized* packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

CULTURE—These can be planted with safety any time from April 1st to September 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow 3 inches apart in the rows, and have the rows $2\frac{1}{2}$ or 3 feet apart. One quart will sow 100 feet of drill, 1 bu. to the acre.

D. & B.'S IMPROVED RED VALENTINE—This is decidedly the most popular bean grown in this section for market gardeners and family use. They are ready to pick 7 weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Our strain of this bean is a decided improvement over the old speckled Valentine. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.25; bu., \$4.50.

BEANS—Continued.

BURPEE'S STRINGLESS GREEN-POD—This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.65; bu., \$6.00.

GIANT STRINGLESS GREEN POD—A mammoth podded selection from the original Burpee's Stringless, not quite as early, but fully a third larger than its parent. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$5.75.

BLACK VALENTINE—An extra early variety, being a week earlier than the Red Valentine. It is black seeded with round pods, very prolific, and is of splendid table qualities. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.65; bu., \$6.00.

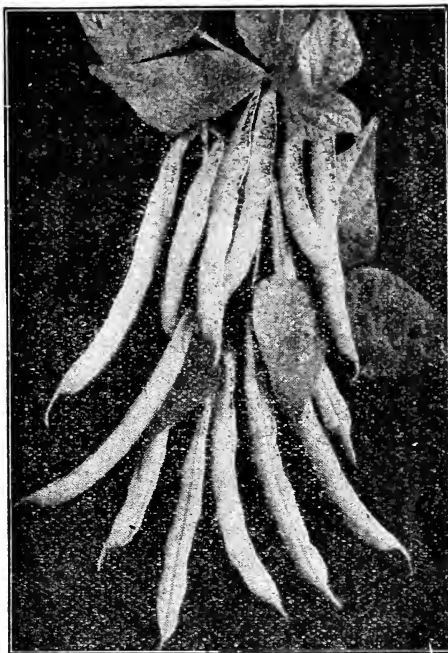
EXTRA EARLY REFUGEE—Is ready for the market fully 10 days earlier than the Refugee or 1,000 to 1. It has round pods, and is a good shipping variety. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.35; bu., \$5.00.

LONGFELLOW—A valuable green, round podded variety of the Valentine type, but with longer and straighter pods, very prolific and hardy. It is extra early and a popular sort. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

HODSON GREEN POD—A very hardy and healthy bean of recent introduction, is a good yielder and entirely stringless when young. An excellent variety for main crop. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

EARLY YELLOW SIX WEEKS—An extra early, vigorous and hardy variety for earliest plantings, long full-meated flat pods of good quality. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.30; bu., \$4.75.

REFUGEE OR 1,000 TO 1—Pods are perfectly round and straight. Is very hardy, and an immense yielder, but is especially recommended for late planting. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.



BLACK VALENTINE



PROLIFIC BLACK WAX BEANS.

WAX-PODDED VARIETIES.

PROLIFIC BLACK WAX—The most popular Wax variety for home use. The pods are round and brittle and of buttery flavor when cooked. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

IMPROVED DWARF GOLDEN WAX—An early variety with pods of rich golden color. A good variety for the home garden. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

DAVIS KIDNEY WAX—A first early rust-proof variety, very productive, with the most handsome pods of all wax sorts. A valuable bean for the market gardener. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$6.00.

RED KIDNEY—A very prolific, hardy variety, for main crop; used mostly as a shell bean, either green or dry, but can be used as a snap bean while very young and tender. Try them. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

The Seed I purchased from you last year gave perfect satisfaction. I think I can depend on you for fine Seed, and have a possibility of building up good trade here.

Yours truly,

J. L. CHAMBERS.

AMELIA COUNTY, FEBRUARY 21st, 1913.

Your Seed are always more satisfactory than any I can get.

Yours truly,

F. S. FARRAR.

POLE OR CORNFIELD SNAP BEANS.

Plant in May and June in rows 4 feet each way; 5 in hill. Can be planted in corn or by poles, 8 feet high.

OLD HOMESTEAD OR IMPROVED KENTUCKY WONDER—The earliest pole bean. It is enormously productive. Grows in clusters; has long, crisp, tender pods of bright green color. The most popular pole snap bean. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

WHITE KENTUCKY WONDER OR BURGER'S GREEN POD—Similar to the Old Homestead, but is earlier and covers a longer season of productiveness and a decided improvement on its parent, being white seeded makes it also a splendid white shell bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

LAZY WIFE—The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains 6 to 8 round, white beans, which makes excellent winter shell beans. They are late to mature, but are valuable to extend the season. This is an excellent bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.75.

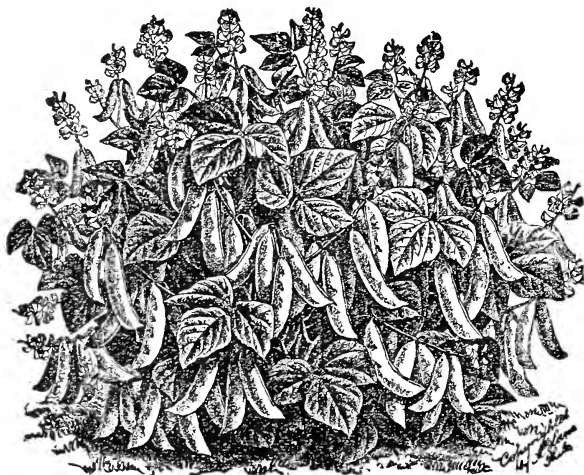
RED SPECKLED CUT SHORT OR CORN HILL—Very popular for planting among corn, and will give a good crop, without the use of poles. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

HORTICULTURAL OR WRENS EGG—A prolific and hardy pole bean; makes an excellent shell bean, either green or dry; is also a good snap bean if used while young and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bus., \$6.00.

SCARLET RUNNERS—An ornamental variety, producing bright scarlet flowers. The shell beans make an excellent dish. Pkt., 10 cts.; qt., 30 cts.



DWARF LIMA BEANS.



BURPEE'S IMPROVED BUSH LIMA.

Plant in April, May or June, in 3-foot rows, 2 beans every 15 inches, $\frac{1}{2}$ bushel to the acre.

BURPEE'S FORDHOOK BUSH LIMA—A recent introduction of Bush Lima Bean, bearing large pods with 4 or 5 very large beans crowded in the pod. The beans are tender and of good flavor. Plants grow upright 18 to 20 inches high, holding the beans well off the ground. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.75.

BURPEE'S IMPROVED BUSH LIMA—Of enormous size and 8 days earlier than the old Burpee's Bush Lima, and the beans are larger and thicker. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.50.

HENDERSON'S BUSH LIMA—The original well known small Bush Lima. It is early, a large yielder and of good flavor. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

WE GIVE NO PREMIUMS

We do not approve of giving premiums, for whenever this is done the customer pays for it and we do not believe our customers wish to pay more than necessary for what they want in order to get something they do not need. We therefore do not aspire to the "Premium givers" class. Our desire is to supply the best Seeds obtainable as low as we can afford, consistent with our qualities and the supply. Not to cut down quality or quantity, but to give value received without offering premiums as an inducement to "Catch" orders.

Confidently believing that our Seeds will prove their worth, we solicit your orders.

BEANS--Continued.

WOOD'S PROLIFIC BUSH LIMA—A very good medium size bush bean. Larger than the Henderson's Bush and not as large as the Burpee's Bush Lima. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

POLE LIMA BEANS.

Plant in April and May, in hills 3 feet apart, and rows 4 feet apart, and set poles 8 feet high in the hills; plant 4 or 5 beans to the hill.

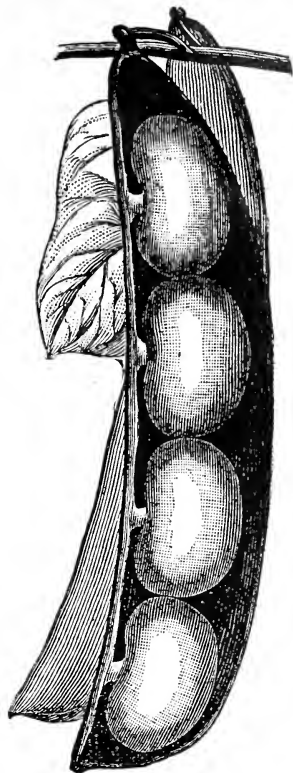
D. & B.'S IMPROVED POLE LIMA—Much larger than the Small Lima and earlier and much more prolific than the Large White Lima. Our stock cannot be surpassed. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65 bu., \$6.00.

SIEBERT'S EARLY LIMA—The earliest true Lima Bean, and one of the best for the market gardeners. It is very productive, hardy and vigorous, produces pods early and continues bearing to the last of the season. The green beans are of large size, but so tender and succulent that when dry they are about the size of the Large White Lima. Splendid for the home garden. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

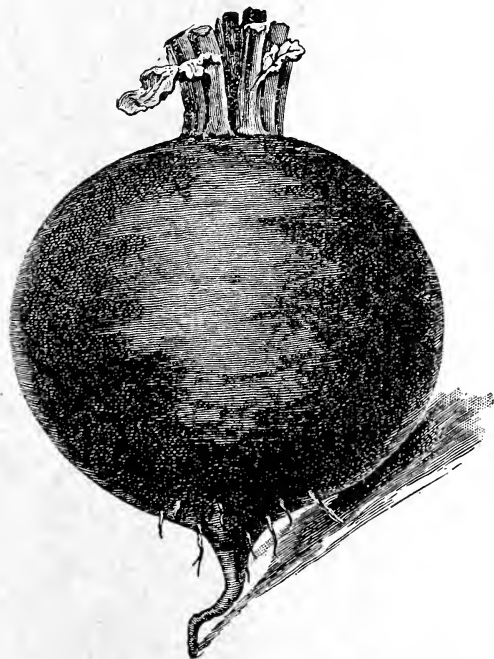
SMALL LIMA OR BUTTER BEAN—Earlier and more productive than the Large Lima. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$5.50.

FORD'S MAMMOTH PODDED LIMA—A very large and popular White Lima Bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75.

EXTRA LARGE WHITE LIMA—Large Beans; superior flavor; an improvement on the old Large Lima. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.



D. & B.'S IMPROVED POLE LIMA BEANS.

Table Beets

EXTRA EARLY ECLIPSE.

For very early crop sow in hot beds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium early or late crop. Drills 2 to 3 feet apart. Use a light, clean, free deep soil. One ounce will sow 50-foot drill; 7 pounds to the acre. 5 lbs. and over at 5 cts. lb. less.

EXCELSIOR OR COLUMBIA—Early, attractive shape, blood red, rich and tender; has small tops. Pkt. 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

CROSBY'S EGYPTIAN—Very early strain of the old standard; small tops; good shape; popular with truckers. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

CRIMSON GLOBE—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 35 cts.; lb., \$1.00.

DIRIGO—First in the market, small top, slender stem, skin smooth, flesh dark crimson, crisp and sweet. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 75 cts.

DETROIT DARK RED—A fine strain of Blood Turnip, but uniform in size and smooth, medium size, rich, red color, tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 80 cts.

CAROLINE COUNTY, VA., January 29, 1913.
All the Seeds I have purchased from you have given me perfect satisfaction. Please accept our thanks for the courtesy shown me.

Yours truly,
9

J. C. HOSKINS.

BEETS—Continued.

EXTRA EARLY ECLIPSE—The most popular market beet. Globe shaped; dark and tender; very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

EDMAND'S EARLY BLOOD TURNIP—Round, good size; dark red; quality good; one of the best for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

IMPROVED EARLY BLOOD TURNIP—Dark red, smooth; uniform; a good variety for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

BASTIAN'S EARLY BLOOD TURNIP—Grows quick and large; bright red. Pkt., 5 cts., oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.



EDMANDS BLOOD
TURNIP BEET.

EXTRA EARLY BASSANO OR SUGAR—Light color; sweet, tender and very early. Pkt., 5 cts., oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

LONG SMOOTH BLOOD—Dark red; good sort for main crop. Pkt., 5 cts., oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EGYPTIAN—A standard extra early variety; a favorite with market gardeners; it is smooth, deep red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

SWISS CHARD OR SILVER LEAVED BEET—Grown for its leaves and stems only. Cook the leaves as you do Spinach and the stems like Asparagus. Leaves grow from 20 inches to 2 feet in length. The plant is almost perpetual if kept trimmed, also good for poultry greens. Pkt., 5 cts., oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

MANGELS OR STOCK BEETS.

Sow 6 lbs. to the acre in April, May or June, in 3-foot rows and cultivate like corn. Should stand 6 inches apart in the row. 5 lbs. and over at 5 cts. per lb. less.

MAMMOTH PRIZE LONG RED—Very large, sometimes weighing 20 lbs. or more. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

WHITE SUGAR—A very hardy variety, producing large crops with little care. The root is very large and very rich in sugar and while not sufficiently so for sugar purposes it makes remarkable fine, rich food for stock. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

YELLOW OR ORANGE GLOBE—Does best in light soils; grows large and keeps well. Oz., 5 cts., $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

GOLDEN TANKARD—Rich, yellow, well shaped, good yielder. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts., lb., 35 cents.

SILESIAN SUGAR—Produce large amount of sugar; and is especially recommended as a sugar or stock beet; very productive; keeps well. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cents.

BRUSSELS SPROUTS.

The Sprouts resemble miniature cabbages, growing closely on the stalk of the plant. The leaves should be broken down in the fall to give the little heads more room to grow. They should be treated in all respects like Winter Cabbage or Kale. Pkt., 5 cts.; oz., 15 cts., $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



GOOCHLAND COUNTY, VA., February 17, 1913.

I received the Seed you sent me last week and am well pleased with them.

Yours truly,

I. J. GATES.

KING AND QUEEN CO., March 6, 1913.

I will say that I am sure I get re-cleaned and better seeds from you than from any other Seed House. Your Seeds have always shown up better.

Yours truly,

C. C. VAUGHAN.

MAMMOTH PRIZE LONG RED.

Cabbage

Sow in January, February and March for spring setting; in April to June for late crop. Sow in September for transplanting in November for very early spring crop. Transplant to good, rich, clean soil, in 3 to 4-foot rows, 18 to 16 inches between plants, according to variety, whether large or small growth.



D. & B.'S SELECTED EARLY JERSEY WAKEFIELD.

EARLY YORK—The earliest cabbage; but very small and hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

EXTRA EARLY EXPRESS—Ready for market a week earlier than any other except Early York. Good quality, but not very hard heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

EARLY FLAT DUTCH—Medium early; large flat, solid heads; a reliable and popular variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

WINNINGSTADT—Medium early. Makes firm, conical shape, hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

ALL HEAD EARLY—One of the best second early varieties; large deep heads; solid, uniform, in color, size and shape. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

HENDERSON'S EARLY SUMMER—Solid round heads; comes in just after Charleston Wakefield. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

SOLID SOUTH—A good and very popular summer cabbage. Stands hot, dry weather better than most other varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

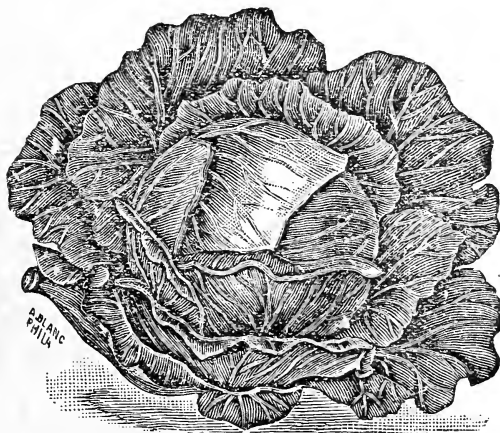
HENDERSON'S SUCCESSION—One of the largest and most popular Early Flat Head Cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SUREHEAD—One of the best for main crop; solid, medium size, late. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

D. & B.'S EARLY SPRING—This is acknowledged to be the earliest flat-head cabbage known. Coming in, as it does, with the Charleston Wakefield, and at the same time producing heads almost as large as the Early Summer makes it one of the best varieties for early market. It has a short stem, is a sure header, and can be planted close together. It has proven to be a money-maker for the market gardener. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

DIGGS AND BEADLES' SELECTED EARLY JERSEY WAKEFIELD—The most popular early variety for market or family use. Heads hard and solid. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.90.

LARGE OR CHARLESTON WAKEFIELD—Not quite as early as Jersey Wakefield, but larger, of uniform size and a solid good shipper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

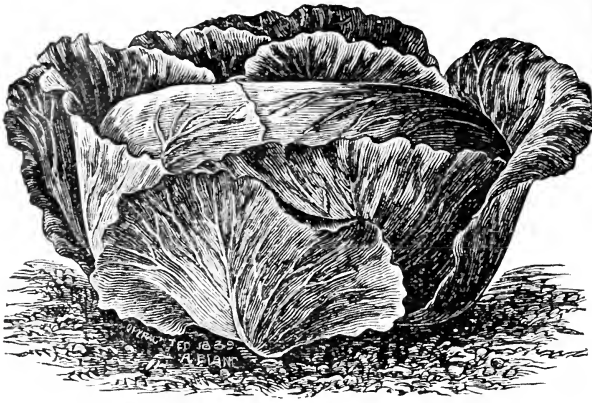


D. & B.'S EARLY SPRING CABBAGE.

Bedford County, Va., May 20, 1913.
Last year for the first time I sowed your Autumn Cabbage Seed. They resulted in the best crop of Cabbage I have raised for years.
Yours truly,
W. F. ROSSER.

Louisa Va., July 14, 1913.
The (Volga and Autumn King) Cabbage Seed I bought from you last year turned out fine. I raised from them some of the best, largest and most solid heads of any Winter Cabbage I ever raised.
Respectfully,
MRS. J. W. JOHNSON.

CABBAGE—Continued.



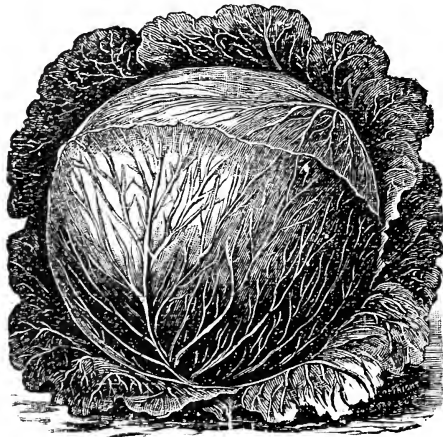
AUTUMN KING, OR WORLD BEATER CABBAGE.

DANISH SUMMER BALLHEAD—The heads of this cabbage are of splendid shape and are ready early in the season. It is very early, very large, very firm and heavy, you will like it. Try them. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

DANISH ROUND HEAD—An earlier, but shorter stem type of the Ballhead, is larger and produces more weight per acre. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

DIGGS & BEADLES' PREMIUM LATE FLAT DUTCH—Popular winter cabbage; large, solid, flat heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

LARGE LATE DRUMHEAD—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.50.



VOLGA CABBAGE.

variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

Cabbage Plants see page 20.

ALL SEASONS—Equally good for fall, winter and summer; large, solid, round heads; good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

DANISH BALLHEAD—A good variety of winter cabbage. It has a short stem, large head, and is the hardest and heaviest for its size known. It is very hardy, resisting droughts and wet weather much better than our American cabbage. It matures quickly and can be planted later than the larger American cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

AMERICAN DRUMHEAD SAVOY—Very tender; good flavor; large heads of superior quality, with curled leaves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



DANISH BALLHEAD.

VOLGA—This is one of the most popular varieties for fall and winter crop. It is intended for late planting only. It can be put out later than most other late cabbages and will mature early; of uniformly large, round, hard heads. In our opinion it will become the main cabbage within a few years. Try it. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

AUTUMN KING, OR WORLD BEATER—This is unquestionably one of the best late cabbages grown in this country. It has been tested along with other varieties, and proven to be not only larger, but more solid, and keeps well. We recommend this cabbage as an excellent fall

RICHMOND COUNTY, VA., May 13, 1912.

Please send me 1 oz. of your All Season Cabbage Seed. I tried them last year and will not try to find their equal.

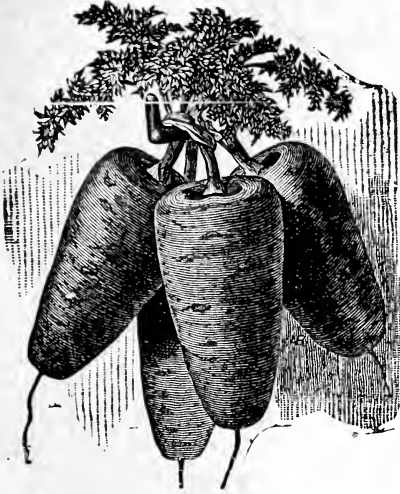
MISS SUSIE HAYNES.

CULPEPER COUNTY, VA., April 8, 1912.

I planted your Autumn King Cabbage last year and have just used the last of them on March 21st. These are the best Cabbage I ever planted.

Carrots

Sow from February to June in light, deep, rich soil in drills 12 inches apart; plants should stand 5 inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill, 4 pounds to the acre. To keep for winter, pack in dry sand, and place in a cellar.



CHANTENAY CARROT.

Sow in beds in February or March and keep well watered. Transplant from July to October to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

WINTER QUEEN—We consider this the best Winter Celery. It blanches easily, has a crisp, nutty flavor; is hardy and a splendid keeping variety. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.75.

GIANT PASCAL—Thick, solid stalks, golden hearts; blanches quickly; keeps well; good flavor; one of the most popular varieties. Pkt., 5 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.60.

WHITE PLUME—One of the best for early use; handsome, good quality, and blanches easily. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.; lb., \$2.00.

GOLDEN SELF BLANCHING—Not as early as the White Plume but is of a heavier and more compact growth. Its stalks are thick, crisp and brittle, with large solid hearts. The quality is superb, good flavor, tender and free from stringiness. Pkt., 5 cts.; oz., 40 cts.; ¼ lb., \$1.15; lb., \$4.00.

Cauliflower

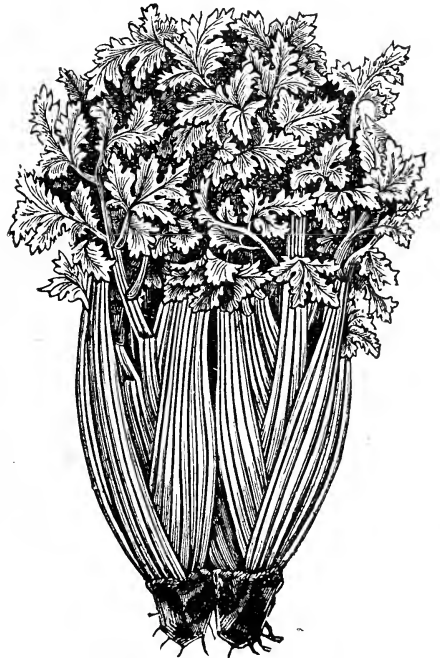
Cultivate like cabbage. Sow in January or February for early crop, or May for late. Transplant to moist soil; manure heavily and water freely. When heading begins fasten leaves over top of head to whiten. One ounce of Seed makes 2,000 plants.

EARLY SNOWBALL—A sure header; large, solid, perfectly white, and good quality, the favorite variety. Pkt., 25 cts.; ¼ oz., 65 cts.; oz., \$2.00; ¼ lb., \$7.00.

DWARF ERFURT—Second early; solid, pure white heads. Pkt., 15 cts.; ¼ oz., 50 cts.; oz., \$1.75. ¼ lb., \$5.00.

AUTUMN GIANT—Valuable late variety; heads large, white and keeps well. Pkt., 10 cts.; oz., 40 cts.; ¼ lb., \$1.25.

Celery



WINTER QUEEN CELERY.

Cress or Pepper Grass

Sow curled variety in spring in very rich soil, in drills 12 inches apart. Sow water cress along brooks or in mucky land.

FINE CURLED—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts. **WATER CRESS**—Pkt., 10 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Garden Corn

For early market, plant early varieties latter part of March. Sugar corns should not be planted until April, then at intervals of two weeks for a succession. Sugar corn planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre.

Packets of Corn put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

EXTRA EARLY ADAMS—Earliest white corn, but has a small ear and stalk. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; per dozen ears, 25 cts.

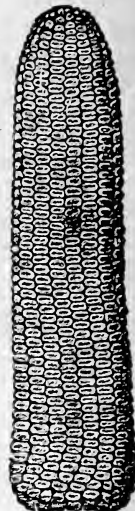
IMPROVED ADAMS EARLY—An improvement on the old variety, being nearly one-third larger and almost as early. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.00; dozen ears, 30 cts.

EARLY ADAMS—About a week later than Extra Early, but has larger ears; small stalks; earlier and hardier than sugar corn. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; dozen ears, 25 cts.

TRUCKER'S FAVORITE—A splendid early white corn, coming in directly after Adams' Early, but much larger; has a deep, white, soft grain. Pkt., 10 cts.; qt., 15 cts.; pk., 75 cts.; bu., \$2.75; dozen ears, 30 cts.

SOUTHERN SNOWFLAKE—A beautiful large-ear corn, with deep, soft, pure white grains; almost as early as Trucker's Favorite, and grows much larger on medium soil. Pkt., 10 cts.; qt., 20 cts.; pk., 75 cts.; bu., \$2.25; dozen ears, 50 cts.

PERKINS EARLY MARKET—An extra early creamy white variety. Is perhaps the hardest early Corn. It is not classed as a Sugar Corn, but is remarkably sweet. Ears average from 7 to 8 inches in length and have twelve rows. Pkt., 10 cts. qt., 20 cts.; pk., \$1.00; bu., \$3.25.

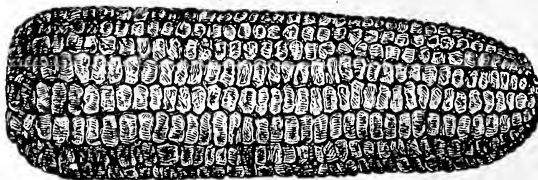


**TRUCKER'S
FAVORITE
CORN.**

SWEET OR SUGAR CORNS.

EARLY WHITE EVERGREEN CORN—This is a high-bred pure white type of the ever popular Stowell's Evergreen. Market gardeners, canners and all lovers of sugar corn have been long wishing for a white sweet corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state both cob and kernel are white as snow. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.00; bu., \$3.60.

GOLDEN BANTAM—A distinct variety of Extra Early Sweet Corn of golden yellow color, very sweet and tender; is hardy and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.00.



STOWELL'S EVERGREEN

STOWELL'S EVERGREEN—A large size prolific sweet corn of excellent quality. A favorite for market or home use; also a splendid canning variety. Pkt., 10 cts; qt., 20 cts.; pk., 90 cts.; bu., \$3.00. dozen ears, 40 cts.

GRANVILLE Co., September 1, 1913.

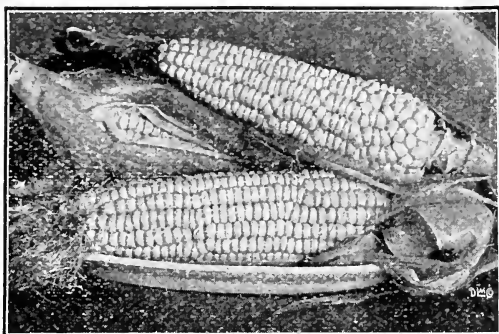
All of the several varieties of Corn I purchased from you in the spring are certainly fine.

L. L. CREWS.

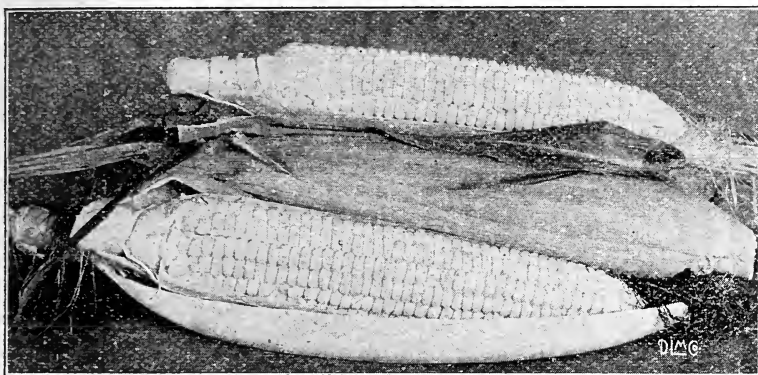
CORN—Continued.

EARLY PREMO—A week earlier and harder than any other sweet corn. Can be planted earlier than other sweet corns without danger of the seed rotting in the ground. The ears are eight to ten rowed, and from one to two inches longer than Adams, and of fine quality. It is a vigorous grower, stalks about five feet high, generally bearing two well-developed ears to a stalk. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.50.

KENDEL'S EARLY GIANT—The ears measure 8 to 10 inches long. It is very prolific maturing from 60 to 72 days, and commands quick sale in any market. Also a very good variety for home use. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.50.



EARLY WHITE EVERGREEN.



COUNTRY GENTLEMEN.

COUNTRY GENTLEMEN—Considered the very best quality sweet corn for table use and canning; has long deep grains and yields 2 to 4 ears to the stalk. A general favorite. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.75.

POP CORN.

WHITE RICE—The most popular variety. Pops pure white. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

QUEEN'S GOLDEN—Ears large, handsome, yellow; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

MAPLEDALE PROLIFIC—Very prolific; pearly grains; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

RED BEAUTY—The red variety of pop corn; very good. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

POP CORN—For popping. Per pkt., 10 cts.; qt., 20 cts.; pk., 80 cts.; bu., \$3.00.

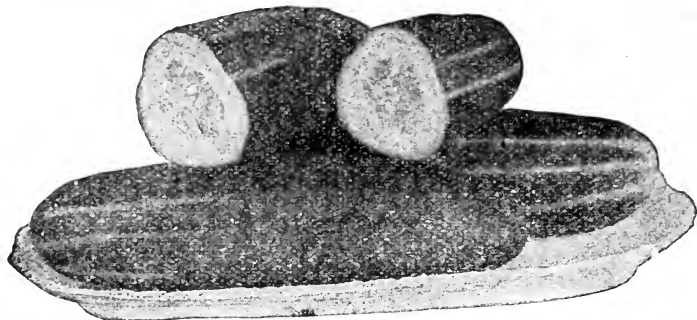
SEEDS BY MAIL

The postage rate on Seeds, Bulbs and Plants is not affected by the Parcels Post Law, except that a package weighing 20 lbs. can now be sent by mail in all Zones. (50 lbs. in 1st and 2nd Zones) where as heretofore only 11 lbs. could be sent by mail in one package, but the postage rate on these articles remain as before, 1c for each 2 ozs. or fraction thereof, regardless of distance. REMEMBER, however, we pay postage on Seeds sent by mail at the Catalog prices on packets ozs. and $\frac{1}{4}$ lb. When larger quantities are ordered to be sent by mail add for postage 10c per single pound package. When quarts are ordered add 15c per quart on Peas, Beans and Corn, and 10c per quart on Onion Sets.

For the postage on articles subject to the Parcels Post rates, see instructions and table inside of back cover.

Cucumbers

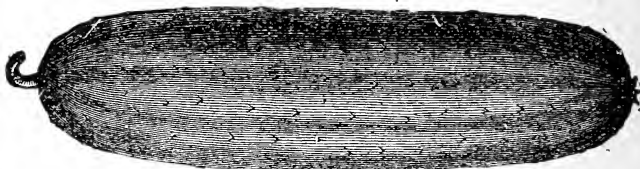
For very early crop plant in hot-beds; for later crop plant from April to July in rich, well-manured hills 4 feet apart, 10 seed in hill; thin to two or three plants. One ounce to 50 hills; 2 pounds to the acre. 5 lb. lots and over, 5 cts. per lb. less.



D. & B.'s EARLY FORTUNE.

KLONDYKE—This variety was introduced several years ago, and is becoming very popular as a market variety. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

ties. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



ARLINGTON WHITE SPINE CUCUMBER.

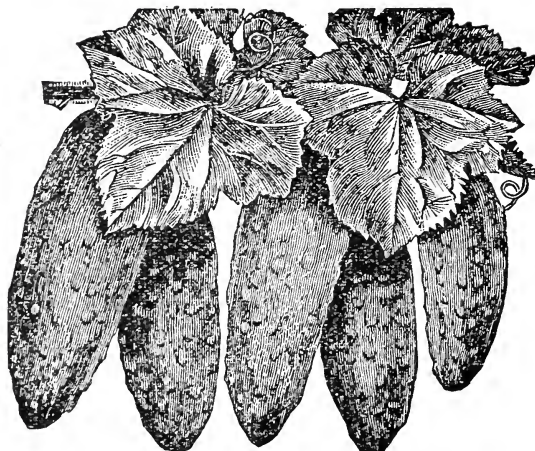
IMPROVED LONG GREEN—Prized for table, market and pickles; dark green, firm and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GREEN PROLIFIC—Very prolific; especially recommended for pickles. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GHERKIN OR BURR CUCUMBER—Small, prickly; used for pickles only. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{2}$ lb., 50 cts.



GHERKIN



GREEN PROLIFIC CUCUMBER

NORTH CAROLINA SHORT STEM—Large, spreading leaves; very hardy; good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

GEORGIA OR SOUTHERN—A very old and popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LARGE SEEDED CORN SALAD.

Sow in early spring in rows 12 inches apart and repeat as desired for succession. May be sown in September, if protected. Cultivate thoroughly, and keep well watered.

Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

COLLARDS.

Sow and cultivate like cabbage, and use for greens; also good for stock.



GEORGIA COLLARD

Egg Plant

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY—This is the earliest and best of all large fruited Egg plants. It is fully as large and ten days or two weeks earlier than the New York Improved Purple. The large fruits are thick and of most attractive form. The skin is a rich, lustrous, purplish black, and it is entirely free from spines or thorns. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

NEW YORK IMPROVED SPINELESS—The old standard variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

EGG PLANTS—Plants ready May and June. 25 cts. per dozen; \$1.00 per 100.



BLACK BEAUTY EGG PLANT.

Endive

GREEN CURLED—Has fine cut leaves, and gives a mossy appearance when blanched. Sow in August in 18-inch drills, and later thin plants to one foot apart, when large, tie up outer leaves to blanch, water freely. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.

Kale

Sow Siberian in September or October; Scotch in August or September; Spring or Smooth, February to April, and September to November. Protect with straw in very severe weather.



EARLY CURLED SIBERIAN.

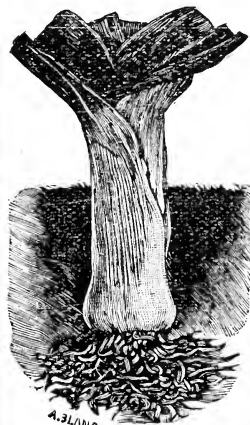
EARLY CURLED SIBERIAN—A standard winter variety; bright green with purple tinge; curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.; 5 lbs., and over, at 35 cts. per lb., sow 5 lbs. to the acre.



SPRING KALE.

SLOW SEEDING SIBERIAN KALE—Similar to Early Curled Siberian, but does not run to seed as early. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.; 5 lbs., and over, at 40 cts. per lb.

SPRING OR SMOOTH—Hardy, quick growing; best for spring sowing. Sow 8 to 10 lbs. to the acre broadcast, or 4 to 5 pounds in drills. Pkt., 5 cts.; $\frac{1}{2}$ lb., 10 cts.; lb., 15 cts.; 2 lbs., 25 cts.; 5 lbs., and over, at 10 cts. per lb.



LEEK



KOHL RABI

AMERICAN FLAG LEEK.

Large, thick stems, of sweet flavor. Sow in early Spring in light, rich, moist soil. Transplant to 12-inch rows and 6 inches apart. Earth up to whiten necks. One ounce to 100 feet of drill. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

Lettuce.

For early crop, sow under glass in January; then for succession at intervals of three weeks. Transplant to rich, mellow soil, and keep well worked. Must have very rapid growth to succeed. Two crops can be grown in one season. One ounce to 1,500 plants.

EARLY WHITE CABBAGE—Very hardy, large, hard head; a splendid variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.40.

UNRIVALLED—An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz., Earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists heat remarkably well; is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., \$1.25.

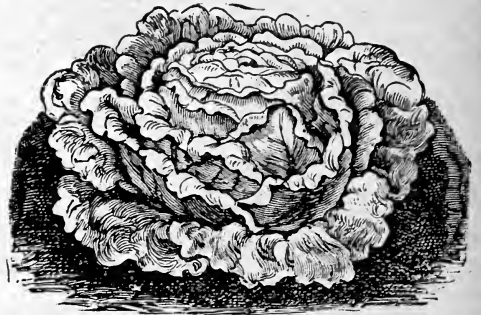
BIG BOSTON—Favorite in the South for shipping; large and solid. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

EARLY CURLED SIMPSON—Heads up loose and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

HANSON—One of the best Summer Lettuces. Large, solid, sure header; crisp and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

ALL SEASONS—A favorite summer lettuce; large, but attractive appearance, crisp and buttery. It is especially recommended for its heat resisting qualities, preserving its freshness under trying conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.25.

WHITE PARIS COS—The best of the Celery Lettuces. Forms large, light green, solid, well-folded heads, of upright growth and esteemed for its crispness and mild flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{2}$ lb., 40 cts.; lb., \$1.15.



EARLY WHITE CABBAGE LETTUCE.

Herbs

Sow in spring in shallow drills 12 inches apart. Gather just before blooming and cork in bottles. We supply the following. All varieties, 5 cts. per pkt.:

CARAWAY—Per oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

CORIANDER—Oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

DILL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

FENNEL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SWEET MARJORAM—Per oz., 15 cts.

SAGE—Per oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

THYME—Per oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.

LAVENDER—Oz., 20 cts.

EDGEcombe Co., May 25, 1913.

I like your method of transacting business. You do not slight the small orders. Please forward the enclosed order by return mail, and oblige.

ROSS BRYAN.

NOTTOWAY Co., July 7, 1913.

I wish to thank you for the satisfactory way of filling my orders.
Yours truly,

R. B. OLIVER.

POWHATAN Co., VA., July 16, 1913.

I have been buying my Seed from you ever since you have been in business, and I have found that the Seeds and the men both are all right, and expect to continue giving you my orders when in need of anything in your line.

Respectfully,

C. H. UTLEY.

A pleased customer is a good asset and a lasting advertisement. We have a lot of them now, we are going to have more of them in the future. If you are not already one we would be pleased to have you on our list. Send us a trial order.

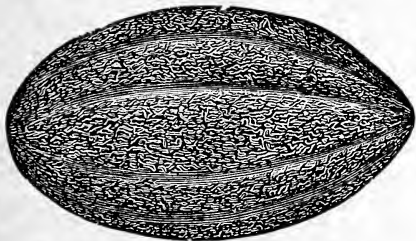
Cantaloupe or Musk Melon

Plant in hills 5 feet apart in light, rich soil, well manured; 10 seed to hill, thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 60 hills; 2 pounds to acre.

5 lbs. and over, 5 cts. per lb., less.

D. & B.'S HANOVER GEM—Larger, more uniform in size and shape than the Netted Gem, of unsurpassed quality and being very solid, is a good market and shipping variety. This melon has brought the highest market prices on the Richmond markets for several seasons. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

D. & B.'S RICHMOND MARKET—This is one of our most valuable introductions. It is unquestionably the Best Cantaloupe for the market gardener and home use. It is very prolific, has thick flesh and small seed cavity, and of rich, nutty flavor. It is of medium size and a good shipping melon. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



D. & B.'S RICHMOND MARKET CANTALOUPE.

ROBINSON'S DELICIOUS GOLD LINED ROCKY FORD—This strain of the Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Its shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick meated, fine grained and sweet; color green with a gold margin next to the seed cavity.

Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain is saved from a select melon and hand-seeded. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

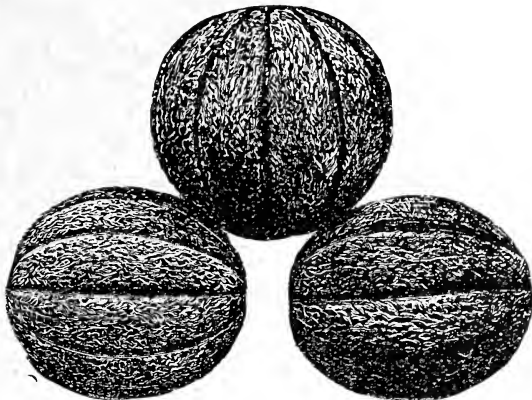


D. & B.'S NETTED GEM.

TIP TOP—A large, slightly oval melon with orange colored flesh, which is thick and firm, which makes it a good shipping and market variety. The flesh is sweet and of good quality, and it is one of the most popular orange colored flesh melons. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

DIGGS & BEADLES' SELECTED OVAL NETTED GEM—A larger and improved strain of the well known Netted Gem variety, of most excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

GENUINE ROCKY FORD NETTED GEM—Small, nearly round; thickly netted; nutmeg shape. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.

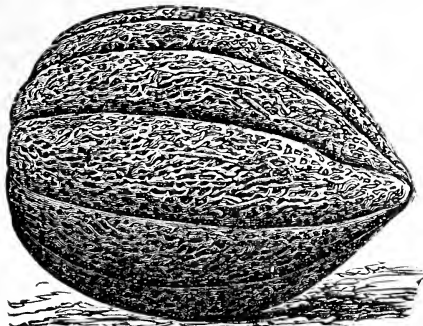


D. & B.'S HANOVER GEM.

BURRELL'S GEM—This cantaloupe is similar in appearance to the Rocky Ford Netted Gem, except it has a pinkish flesh instead of green, has a tough thin rind, well netted, is very solid, a splendid market variety. Those who have grown this melon are very much pleased with it. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EMERALD GEM—A salmon fleshed, extra early variety, green skin, slightly netted, very thick and ripens close to the rind, globular shape. A good melon for family use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

PERFECTION—Large, oblong, green flesh; yellow skin, thickly netted, good quality. We consider this the best large sized cantaloupe. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.



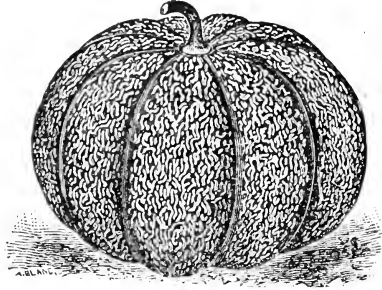
PERFECTION CANTALOUPE.

CANTALOUPE—Continued.

EXTRA EARLY HANOVER—Earliest known variety. Green flesh; yellow skin; medium size; flattened at end. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

EXTRA EARLY HACKENSACK—Like large Hackensack, but ten days earlier; roughly netted; thick flesh; good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

BALTIMORE OR ACME—Very popular for main market crop, large size, oval shape, green flesh. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



LARGE HACKENSACK.

LARGE HACKENSACK—Large, good quality; very popular; Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

JENNY LIND—Small, very early; first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

PROLIFIC NUTMEG—An early variety of medium to a small size, nutmeg in shape and thickly netted; very productive and of first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BANANA—Long shaped like a banana; delicious odor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

GLASS MELON, VEGETABLE ORANGE OR VINE PEACH—Small lemon shaped. Used for pickles, pies or preserves. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

MIXED VARIETIES—As we have frequent calls for Cantaloupe Seed mixed we offer a mixture of the leading varieties at pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

SHENANDOAH COUNTY, VA., May 20th.

The Richmond Market Cantaloupe I got from you last year certainly did fine, they were the heaviest yielding Melons I have ever had. I only hope that the Seeds I am ordering from you this year will do as well as they did last year.

G. D. MINNICK.

POWHATAN Co., August 7, 1913.

I thank you all for the favor. I am going to get good results from my Seed I bought from you, and I can say that anyone who wants good results to get land in good order to use your Seeds and they will certainly get it.

Yours very truly,

C. W. JUSTIS.

CARTERET Co., N. C., August 25, 1913.

I am very much pleased with results from all of the Seeds I have purchased from you.

ANSAN H. GASKILL, JR.

VEGETABLE PLANTS

Orders for Vegetable Plants can rarely be shipped the day order is received, as we have to get them in from the Gardens. We never ship Plants the last of the week unless especially ordered to do so, as they would be liable to be left in the Express Office over Sunday. Do not order Plants to be shipped by freight, express is much quicker and more satisfactory. Do not order Plants to be sent by mail, they will not stand the rough handling they are subjected to in the mails and will not carry safely by mail.

TOMATO PLANTS—Ready in May, June and July. Varieties: Fordhook First, Livingston's Beauty, Ponderosa, New Stone, Yellow Pear Shaped. Per dozen, 10 cts.; 100, 35 cts.; 1,000, \$3.00.

CABBAGE PLANTS—Early varieties ready in March, April, May and November. Varieties: Early Wakefield and Henderson's Succession. Price up to May 1st, 30 cts. per 100; \$2.50 per 1,000. After May 1st, 25 cts. per 100; \$2.00 per 1,000. Late varieties: Late Flat Dutch, Autumn King Drumhead Savoy. Ready June, July and August. Price, 25 cts. per 100; \$2.00 per 1,000.

LETTUCE PLANTS—Ready March, April, May, October and November. Varieties: Early White Cabbage and Big Boston. Price, 25 cts. per 100; \$2.00 per 1,000.

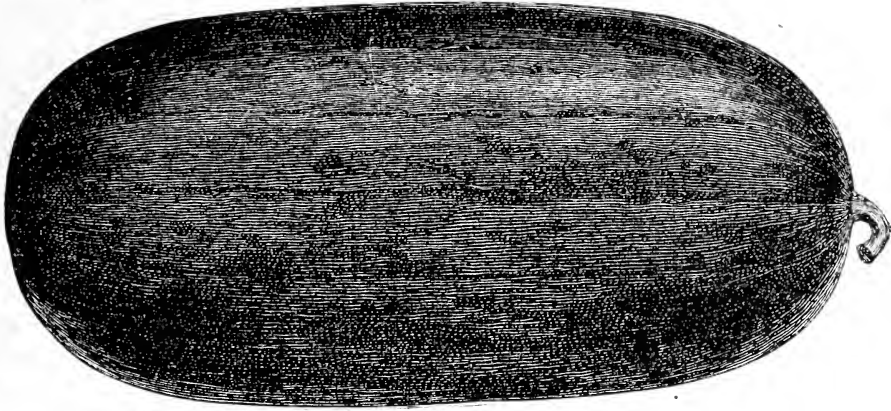
EGG PLANTS—Black Beauty. Ready May and June. Price, 25 cts. per doz.; \$1.00 per 100.

PEPPER PLANTS—Ready May and June. Varieties: Ruby King, Long Red Cayenne. Price, 20 cts. per dozen.; 75 cts. per 100.

SWEET POTATO PLANTS—Ready May and June. Varieties: Hanover White Yam, Hanover Yellow. Price, 25 cts. per 100; \$2.00 per 1,000; 5,000 and over at \$1.75 per 1,000.

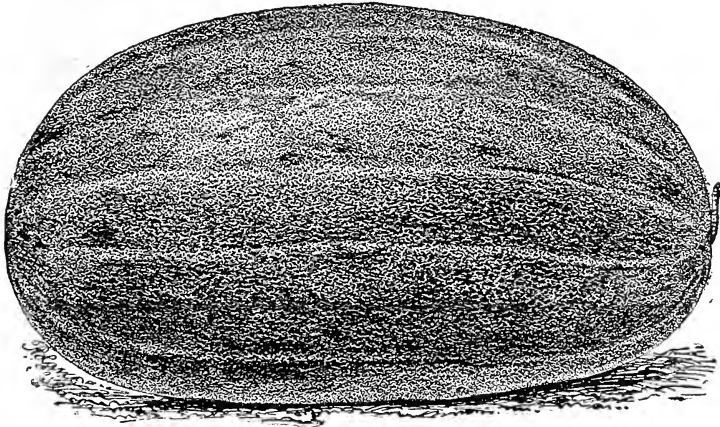
Watermelons

Plant in spring, after danger of frost; for late crop may be planted as late as June 1st. Cultivate like cantaloupe, except place hills 8 or 9 feet apart. One ounce seed to 30 hills; 2 pounds to the acre. 5 lbs. and over at 5 cts. per lb., less than single pound price.



TOM WATSON WATER MELON.

TOM WATSON—An early, long, green melon; thin, but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm, and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



KLECKLY SWEET WATER MELON.

KLECKLY SWEET, OR MONTE CHRISTO—Early, oblong, unsurpassed for home use or near market, but does not bear shipping well. One of the most salable melons on the Richmond market. Oz., 5 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EARLY DARK ICING—The melons are medium size, nearly round, dark green rind, thin and brittle. As an early melon for family or nearby market it has no equal. The quality is unsurpassed. For many years this variety has been the first melon offered on the Richmond market. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

HALBERT HONEY—This melon is similar but an improvement over the Kleckly Sweets in that it is larger, hardier, more productive and prettier in shape and color. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

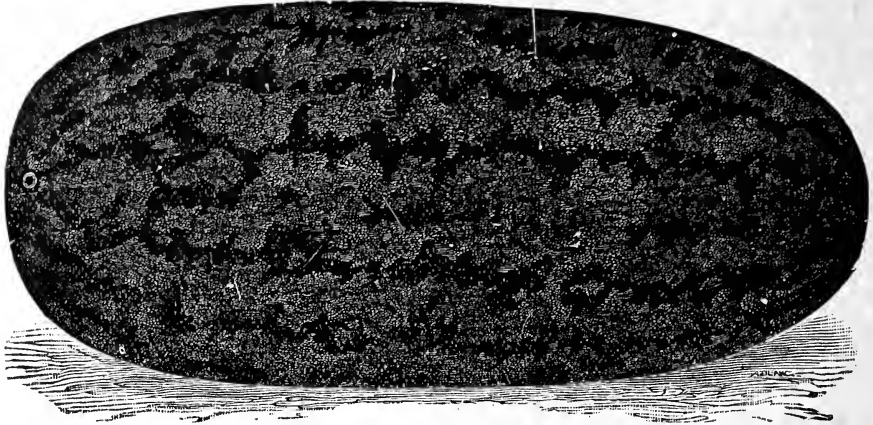
MATHEWS CO., August 16, 1913.

I am eating Water Melons every day raised from the Kleckly's Sweet Seed I bought of you, and the Melons are certainly fine.

E. S. LILLY.

WATER MELONS—Continued.

THE JACKSON—Although a very old variety, it is still very popular in many sections. It is early, long, pale green, very tender, crimson flesh, which is unusually sweet. A splendid variety for home use, but will not stand shipping. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.



FLORIDA FAVORITE WATERMELON.

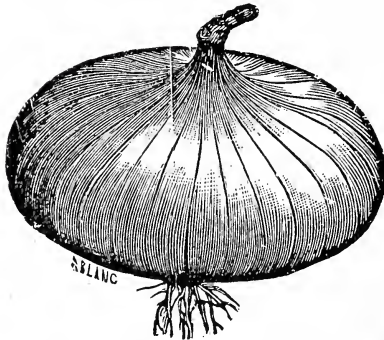
FLORIDA FAVORITE—An old but popular, dark, long-striped, early melon of unsurpassed quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

MIXED VARIETIES—As we have frequent calls for Melon Seed mixed, we offer a mixture of the leading varieties, oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

MELON SEED—For medicinal purposes, per lb., 20 cts.

Onion Seed

Sow in January or February in hot-beds or later in the open. Transplant to 12-inch rows, 5 inches apart, in very rich soil and cultivate well. Sow six pounds seed to the acre. For sets, sow 20 to 40 pounds to acre in broad rows. Dig and dry when tops die. Use only smaller ones for sets.



EXTRA EARLY WHITE PEARL.

tender. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

LARGE RED WETHERSFIELD—Medium early; skin purplish red; flesh purplish white. A general favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

YELLOW GLOBE DANVERS—Globe shaped; large; keeps well; the standard for main crop. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

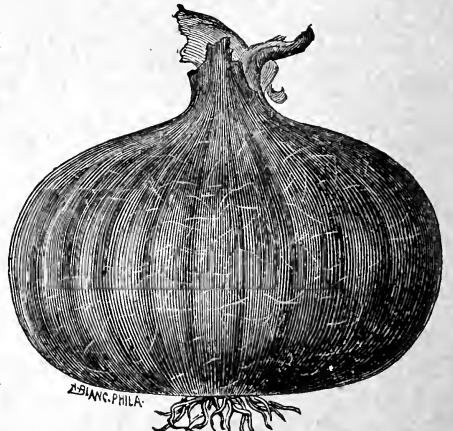
SOUTHPORT YELLOW GLOBE—A large globe-shaped onion; good producer and keeps well. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

EXTRA EARLY WHITE PEARL—Large, pearly white, tender, mild; excellent flavor; grows quickly; silver skin. The best variety for fall setting to make early spring onions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MAMMOTH SILVER KING—The largest variety in cultivation; skin silvery, flesh pure white; very mild and early. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SILVER SKIN—Pure white; mild flavor; best for growing sets. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.

**PRIZE TAKER,
OR SPANISH
KING**—Very large
and solid; skin rich
yellow; flesh pure
white, sweet, mild,



PRIZE TAKER OR SPANISH KING

ONION—Continued.

YELLOW STRASBURG—A very popular long keeping yellow onion. Bulbs are quite flat and of good size; skin darker yellow than the Danvers; white flesh, mild flavor, used largely for growing sets. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

MUSTARD.

Sow from February to April or September and October, broadcast or in drills, 6 inches apart. Cut when about 3 inches high. One ounce seed to 80 feet drilled; 6 pounds to acre broadcast.

SOUTHERN GIANT CURLED—A favorite in the South; succulent, pungent and sweet. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

BLACK OR BROWN—For salad. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

WHITE—Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

MUSTARD SEED FOR SEASONING—2 oz., 5 cts.; lb., 20 cts.



Plant 4 to 6 inches apart in 12 to 24-inch rows (except Potato Onions, which should be in 2-foot rows.) Plant in spring or fall in fine, rich soil, well manured.

SILVER SKIN—Qt., 20 cts.; by mail, 30 cts.; pk., 75 cts.; bu., of 32 lbs., \$2.60.

YELLOW DANVERS—Qt., 20 cts.; by mail, 30 cts.; pk., 75 cts.; bu. of 32 lbs., \$2.50.

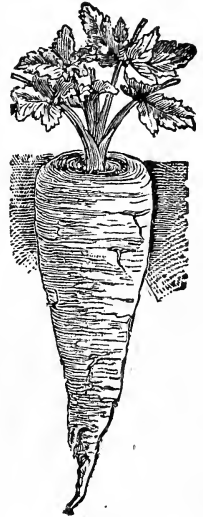
RED WETHERSFIELD—Qt., 20 cts.; pk., 75 cts.; bu. of 32 lbs., \$2.50.

PARSLEY.

CHAMPION MOSS CURLED
—Beautifully curled and crimped. Best for garnishing; also makes fine borders. Soak the seed a few hours and sow in rich soil, early in spring, in 1-foot drills. 1 ounce to 150 feet of drill. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

PARSNIP.

IMPROVED SUGAR OR HOLLOW CROWN—The standard; smooth, tender, good flavor. Sow in spring in 18-inch drills, in rich, deep, sandy loam. Thin out to 5 inches apart. One ounce to 200-foot drill; 5 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



PARSNIP

OKRA OR GUMBO.

Sow in 3-foot drills and thin out to 8 inches apart. For winter use, slice young pods, string and dry in the shade. Sow one ounce to 50 feet of drill.

PERKINS' MAMMOTH PODDED—Very productive; pods intense green; 8 to 9 inches long. Superior for canning. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

WHITE VELVET—Pods large, round, white and smooth, and very abundant. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

DWARF PROLIFIC—Plants small, but very prolific. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

TALL GREEN—Long pods; grows 4 to 5 feet high. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



CHAMPION MOSS CURLED PARSLEY



OKRA

Garden or English Peas



A CROP OF D. & B'S SELECTED EARLY PEAS

Packets of Peas put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add 10 cents per pint, 15 cents per quart for postage.

Plant very early in spring, in 3-foot rows, in light, rich loamy soil. Cultivate well. For succession plant later every few weeks through season. One and a half bushels to the acre.

DIGGS & BEADLES' SELECTED EXTRA EARLY—This is the earliest pea on our list. Many of our customers who grow for market say it is the best early pea they have ever grown. It is very productive; grows to a height of 2 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

PROLIFIC EARLY MARKET—A very large and unusually prolific variety maturing directly after the Extra Early sorts and before the large wrinkled varieties come in. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

DIGGS & BEADLES' FIRST AND BEST—This stock is grown especially for us by one of the largest and most careful pea growers in this country. It is an Extra Early, large podded pea; height, 2½ feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.35; bu., \$5.00.

ALASKA—One of the best extra early peas and becoming more popular yearly; very productive and salable. Particularly popular for canning on account of its pale green color. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

PERFECTION OR IMPROVED ALASKA—A few days earlier, darker in color and more prolific and a general improvement over the Alaska. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.25.

AMEER OR LARGE PODDED ALASKA—A large and prolific strain of the well known Alaska Pea. The size and color of the Peas and pod make a very desirable market variety. Is very hardy and prolific. Much in demand with market gardeners, height 2 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$5.75.

MAUD S—A standard extra early pea; height, 2½ feet; large, well-filled pods. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

DAY'S SUNRISE—This pea is a half wrinkled variety. Maturing directly after the Extra Early Sorts and before the large wrinkled varieties come in. Enormously productive, hardy and has large well filled pods; height 2 to 3 feet. It will become a popular market pea. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

LARGE WHITE MARROWFAT—Strong, hardy; late variety with broad, thick pods; good quality; height, 4 feet; abundant bearer. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.15; bu., \$4.00.

BLACK EYE MARROWFAT—Closely resembles White Marrowfat; yields well. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.15; bu., \$4.00.

If Peas are wanted by mail add 15 cents per quart for postage.



ECLIPSE PEA.

PEAS—Continued.

WRINKLED VARIETIES.

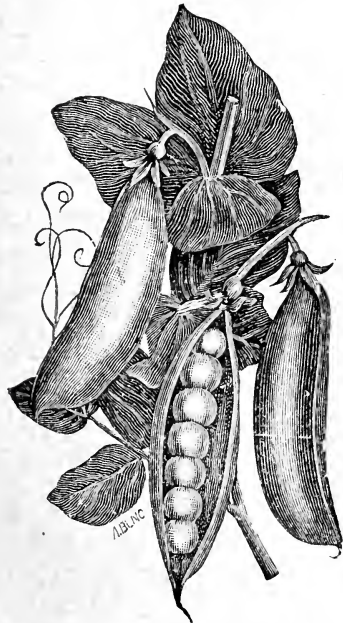
ECLIPSE—The earliest and hardiest wrinkled variety and as it is much better quality than the Extra Early Smooth Peas, makes it about the best Early Pea for family use, has stout vines about 2 feet high and very prolific. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75.

GRADUS OR PROSPERITY—This is the largest early wrinkled pea, the vine has heavy stems and grows about 3 feet high. The peas are of excellent flavor and remain tender and sweet for some time after they are large enough for use. The best second early variety for family use. Pkt., 10 cts.; qt., 35 cts.; pk., \$1.85; bu., \$7.00.

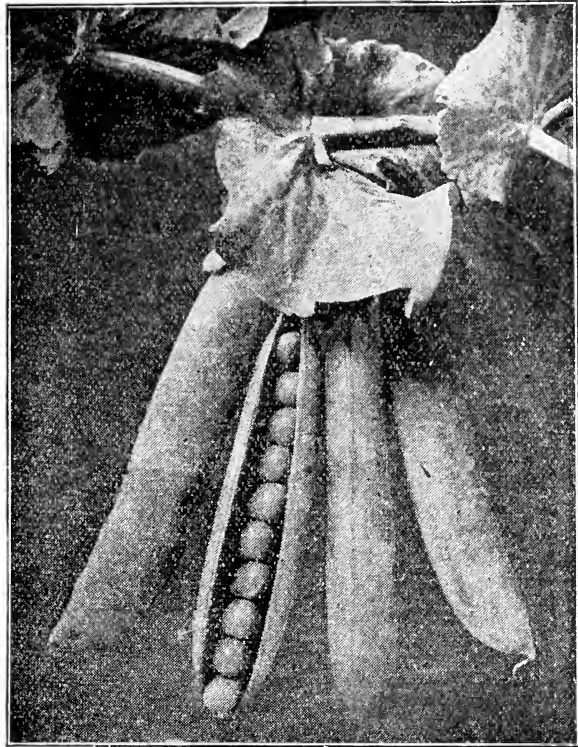
THOMAS LAXTON—Somewhat later than the Gradus and Eclipse, but larger, dark green pods and more productive. Pkt., 10 cts.; qt., 35 cts.; pk., \$1.85; bu., \$7.00.

HORSEFORDS MARKET GARDEN—A very prolific second early pea, large pods, vines strong and healthy growing, about 2 feet high and requires no stakes. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.50; bu., \$5.50.

SUTTON'S EXCELSIOR—A splendid early dwarf wrinkled pale green pea, has large, handsome pods, 3 inches long, filled to the point with large tender peas of most delicious flavor, height 15 inches. Pkt., 10 cts.; qt., 35 cts.; pk., \$1.85; bu., \$7.00.



DAY'S SUNRISE.



AMEER OR LARGE PODDED ALASKA.

PREMIUM GEM—A favorite early dwarf pea; bears well; good quality. Height 18 inches. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.50.

BLISS EVERBEARING—A good variety, that continues in bearing a long time. A general favorite. Height 3 feet. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.50.

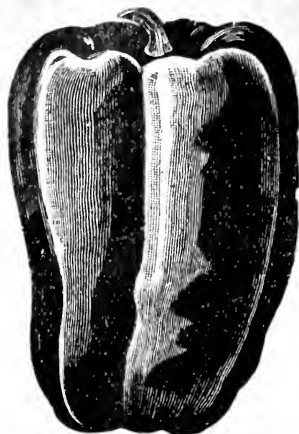
D. & B.'S IMPROVED DARK GREEN TELEPHONE—Productive, sugary; pods contain 6 or 7 peas; late, height 4 feet. One of the most popular sorts for main crop. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.00.

Pepper

Sow in hot-bed in February or March. Transplant in May to 3-foot rows, 15 inches apart.

CHINESE GIANT—This is the largest and finest mild red pepper, being double the size of the Ruby King. It is very productive; plants are vigorous in growth, of stocky habit, about two feet high, well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple and very thick. Pkt., 10 cts.; oz., 30 cts.; ¼ lb., \$1.00.

NEAPOLITAN—The earliest and most productive of all large mild peppers. The skin and flesh is bright red, and keeps in prime condition a long time, a good variety for market gardeners. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.



CHINESE GIANT PEPPER.

PEPPER—Continued.

RUBY GIANT—An improvement over the Ruby King, being much larger. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

RUBY KING—Bright, ruby red; very mild and pleasant and can be used as salad. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

BELL, OR BULL NOSE—Large, early, mild; purplish red. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.

LONG RED CAYENNE—Long, bright red pods; hot; the most popular for seasoning. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

RED CLUSTER—Very small, with long pods. Used for pepper sauce. One of the hottest varieties. The plants are very ornamental. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

RED CHILI—Similar to Red Cluster, but grows larger; very hot. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

PEPPER PLANTS—Ready May and June at 20 cts. per doz.; 75 cts. per 100. Varieties, Long Red Cayenne and Ruby King.

Seed Sweet Potatoes

Plant in hot-beds in April. Water freely. Transplant in May and June to 3-foot rows 15 inches apart, Fertilize with strong potash mixtures.

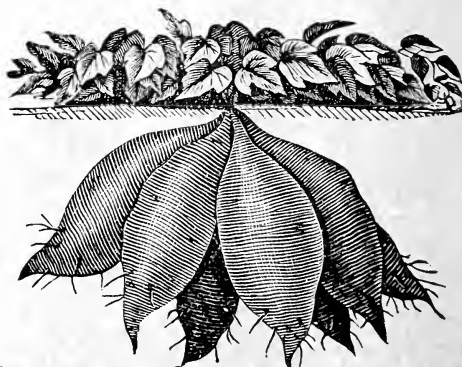
We make a specialty of seed sweet potatoes, getting them in fresh from Hanover County every day; and handling them in large quantities as we do, we are enabled to offer them at especially close prices. But prices fluctuate very much frequently from day to day. Write us for prices when ready to plant.

Seed Sweet Potatoes are very perishable and will not keep very long after being taken out of the kilns, especially in damp or rainy weather. For this reason we cannot carry them in stock, but get them in fresh from the kilns every day, and make shipments the day we get them in. We ship only good, fresh, sound potatoes, in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.

HANOVER YELLOW—The leading Yellow Potato raised in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size, is unusually productive and the quality is unsurpassed. Pk., 50 cts.; bu., about \$1.25; bbl., about \$3.00.

HANOVER WHITE YAM—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potatoes, and is much sweeter. This is the best variety to grow on heavy soils. Pk., 50 cts.; bu., about \$1.25; bbl., about \$3.00.

SWEET POTATO PLANTS—We will have these of the above varieties ready in May and June. 25 cts. per 100; \$2.00 per 1,000. Special prices in large quantities.



SWEET POTATOES.

SPINACH.

For summer use, sow early in fertile soil in 18-inch drills. Sow in September and October for winter and spring use. One ounce to 100 feet of drill; 20 pounds to the acre.

NORFOLK SAVOY, OR BLOOMSDALE—Good for fall sowing; very early; hardy; leaves curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.

LONG STANDING—Leaves thick and fleshy; does not run to seed quickly. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.

ROUND THICK LEAVED—Best variety for summer; leaves thick; dark green; good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 20 cts.; 5 lbs. and over at 17 cts.



NORFOLK SAVOY OR BLOOMSDALE SPINACH.

Squash or Cymling

Plant in hills in warm, fine, rich, fertilized soil. Grow 3 plants to the hill. Plant bush varieties 5 feet apart; running varieties, 8 feet. About 3 pounds to the acre.

EARLIEST PROLIFIC—The earliest White Squash in cultivation; can be planted close together, as it is strictly a bush squash. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

D. & B.'S EARLY WHITE BUSH—Early; cream color; very prolific; nice size; good shipper; the most popular variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

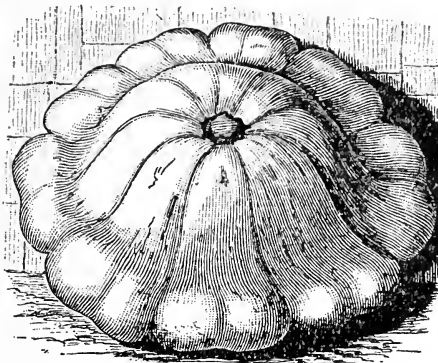
MAMMOTH WHITE BUSH—Larger and more uniform than Early White Bush but later; waxy white color. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

GIANT SUMMER CROOKNECK—Bush, very prolific; profusely warted; bright yellow squash of good flavor. Oz., 5 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EVERBEARING—A large white squash, similar in appearance to the White Bush. But not as early. It is a running squash, very productive and as its name indicates will continue bearing all summer if the squashes are kept picked off. Good table variety, also good for stock feeding. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

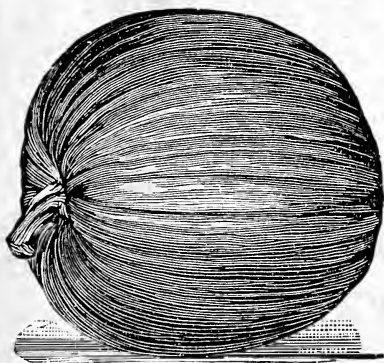
HUBBARD SQUASH—A running winter squash of first-class quality and a splendid keeper. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BOSTON MARROW—Oval; flesh orange color; fine grained; cooks rich and dry; keeps well. Running variety. One of the best for winter. Oz., 8 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 60 cts.



D. & B.'S EARLY EARLY WHITE BUSH SQUASH.

Pumpkin



VIRGINIA MAMMOTH PUMPKIN.

yellowish, red color; used mostly for table purposes. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GOLDEN CUSHAW—Very productive, good for table and stock feeding. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LARGE CHEESE, OR KENTUCKY FIELD—A large, flatish variety of good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

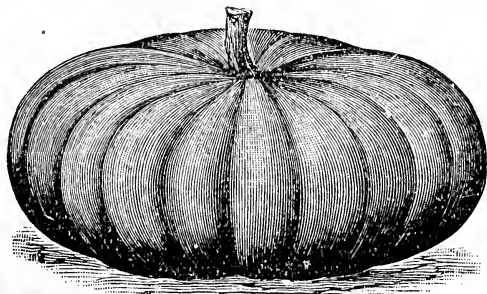
CORNFIELD, OR BIG TOM—The old standard for table and stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.; 5 lbs., and over, at 25 cts. lb.

Plant in May and June in rich hills 8 feet apart. When vigorous, thin to three plants to the hill. May be planted in corn. One ounce to twenty hills; three pounds to the acre.

VIRGINIA MAMMOTH—Rich, golden color; keeps well; very large, often taking prizes for largest pumpkin, and will keep for several months. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

KING OF THE MAMMOTH, OR POT IRON—The largest of all pumpkins, frequently making pumpkins weighing 100 pounds or more. It is of bright yellow color and good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

SMALL SUGAR—A small but prolific variety of



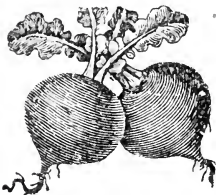
LARGE CHEESE.

Radish

Sow in drills very early in spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hot-beds. One ounce to 50 feet of drill; 10 pounds to the acre.

EARLY FORCING SCARLET GLOBE—The earliest radish and one of the best for forcing. Has a very small top, bright red color; a very beautiful variety. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

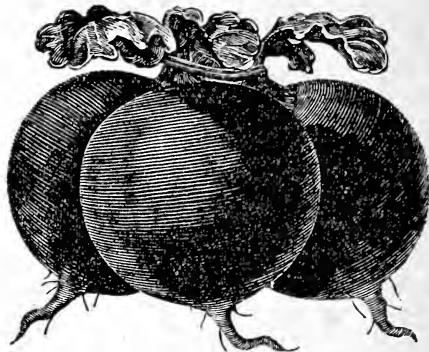
CRIMSON GIANT GLOBE—A large, early variety; foliage is small and can be planted close. Valuable for early market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



EXTRA EARLY SCARLET or RED TURNIP

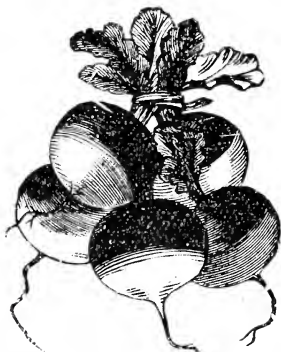
EXTRA EARLY SCARLET OR RED TURNIP—Small, round, crisp, tender; tops small; grows very rapidly. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EARLY WHITE TURNIP—An early white turnip shaped radish. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



CRIMSON GIANT RADISH.

D. & B.'S WHITE TIPPED FORCING—This radish is extremely popular, both for gardeners and private use. The outer skin is bright crimson color with white tip. Our strain is superior to most stocks offered. Making a nice turnip shaped, clean root. On account of its small top it is largely used for forcing, and extremely satisfactory for earlier use out of doors. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.



D. & B.'S WHITE TIPPED FORCING

FRENCH BREAKFAST—A white tipped olive shaped sort and one of the earliest forcing varieties, but should be used while young. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

GOLDEN GLOBE SUMMER—Very large, crisp and tender; stands hot weather, and may be planted late. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LONG SCARLET, SHORT TOP—Long, bright scarlet; fine for forcing. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

MIXED TURNIP RADISHES—A mixture of seed of the turnip-shaped varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

ROSE CHINA WINTER—Rose colored; flesh white; cylindrical; one of the best winter Radishes. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

WHITE STRASBURG—Large, long, solid; one of the best for summer use. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

MIXED LONG RADISHES—mixture of the seed of the long varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

Rhubarb Roots

Set out in the early spring or fall in deep, well-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. It is best not to use the stalks the first year; but after the first year they may be used freely and will last for years. A dozen roots will be ample for a large family. 10 cts. each; per doz., \$1.00; per 100, \$5.00.

RHUBARB SEED—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



WHITE STRASBURG RADISH.

Tomato

Sow in hot-beds in early spring and transplant when danger of frost is past. Set 3 to 4 feet apart. For very early fruit, grow in small pots under cover, thus placing in open without checking the growth.



JUNE PINK TOMATO.

JUNE PINK—An improvement on the Earliana. Is of a beautiful pink color. Very early. Of a good size, smooth and prolific. A profitable sort for market gardeners, but not as good for a main crop as some other varieties. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

Southampton Co., Va., May 20th.
The June Pink Tomatoes I purchased from you beat the climax. I had Tomatoes as early as any one in the vicinity, and had a plenty nice ones Thanksgiving Day. Can any one beat that from Spring grown seed? Give me June Pink Tomatoes every time hereafter. They beat any kind I have ever raised, and I have tried many kinds.

MRS. E. J. MORRIS.

RED ROCK—A most desirable and profitable variety for truckers and canners. It is an immense yielder, smooth as an apple; very

red, heavy and an excellent shipper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

LIVINGSTON'S GLOBE—Pinkish, purple color, very thick, large size. Smooth and solid. Vines of vigorous growth and productive, specially recommended to truckers as a shipping variety. Carry well. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.50.

I. X. L.—One of the earliest varieties, is very smooth, of good size, bright red color, ripens uniformly. A money maker as an early Tomato. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BONNY BEST—An extra early, large, smooth, bright red Tomato, a heavy yielder; good market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

BURPEE'S FORDHOOK FIRST—Very early, large, smooth; free from cracks, deep through; purple; fleshy; few seeds; good variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.; lb., \$3.00.

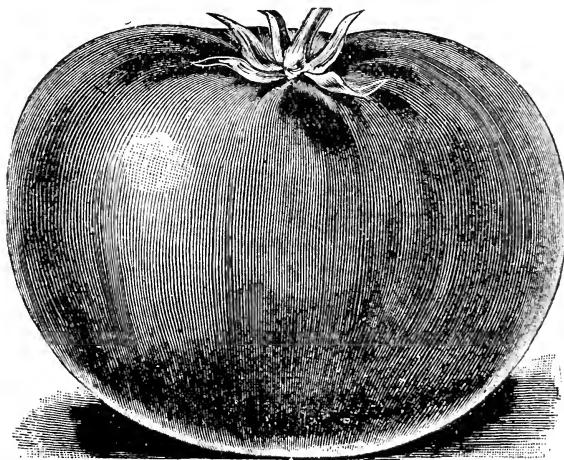
CHALK'S EARLY JEWEL—About a week later than the Earliana. The vines are strong and compact, and loaded with fruit of a bright scarlet color. Thick flesh and few seed. Thin skin, but tough, and makes a good shipping and market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LIVINGSTON'S STONE—Large, bright scarlet; firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

EARLY ACME—Smooth, solid; ripens uniformly; bears till frost; ships well; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.

LIVINGSTON'S BEAUTY—Large, solid, smooth, purplish pink; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

LIVINGSTON'S FAVORITE—Bright red, smooth fruit; of good size. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



BONNY BEST.

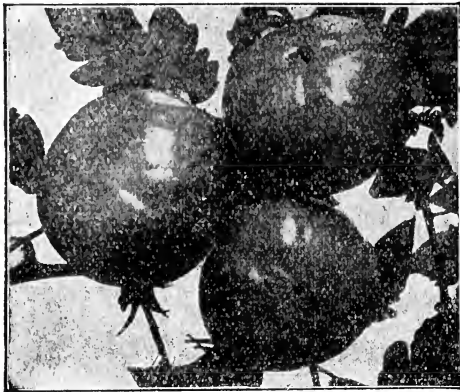
ORANGE COUNTY, VA., February 14, 1913.
I planted your June Pink Tomato last year, also your All Season Cabbage, and I like both fine, I had ripe Tomatoes July 1st.

Yours truly,

MRS. M. F. MARTIN.

TOMATOES—Continued.

THE BRIMMER—This tomato is somewhat similar to the well known Ponderosa, but is even larger than that variety. It has strong, healthy vines and is very productive. It is not an early variety, but its flesh is solid and meaty, and has very few seed. A splendid tomato for family use, but most too large to be a profitable market sort. Pkt., 10 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.



LIVINGSTON'S BEAUTY TOMATO.

for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

PONDEROSA—A very large and handsome bright red Tomato and especially adapted to family use. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

GOLDEN QUEEN—A beautiful, large, Golden Yellow Tomato; makes a very pretty dish when used sliced with Red Tomatoes. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

YELLOW PEAR SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

YELLOW PLUM SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



SANDWICH ISLAND SALSIFY.

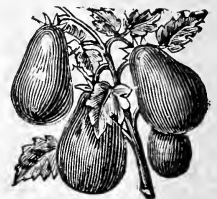
Your Seed are fine, and you sent the most I ever received for the money.

TRUCKER'S FAVORITE—One of the best; large, solid, purple fruit; main crop Tomatoes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

SPARK'S EARLIANA—One of the earliest varieties, bright red and smooth; very productive. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DWARF STONE—A dwarf upright growing variety for main crop; unusually hardy and productive; beautiful red color, fruit very firm and solid. Continues in bearing a long time; on account of the dwarf growth can be planted closer together than other varieties. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

MATCHLESS—Fine for table, market and canning; large, solid, coreless; free from rot; one of the best



YELLOW PEAR TOMATO

TOMATO PLANTS.

We will have the following varieties ready in May, June and July at 10 cts. per doz.; 35 cts. per 100; \$3.00 per 1,000.

Fordhook First, Livingston's Beauty, New Stone, Ponderosa, Yellow Pear Shaped.

Salsify or Oyster Plant

MAMMOTH SANDWICH ISLAND SALSIFY OR OYSTER PLANT—The largest and best variety. Sow in March or April in 18-inch drills. Thin to 6 inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 90 cts.

GREENVILLE COUNTY, S. C., September 18, 1913.

You have been recommended to me as one of the best Seed shippers at all.

Yours truly,

J. B. KITTRELL.

CARROLL COUNTY, TENN., August 30, 1913.

All the Seeds that I have bought from you have given entire satisfaction, and our dealings have been most satisfactory in every respect.

Please ship me the following order, and oblige.

Yours truly,

DR. W. H. McLEAN.

MECKLENBURG COUNTY, VA., March 11, 1913.

Yours truly,

SEABURY PINNEY.

Turnip

Sow Ruta Bagas from June to August in drills 3 feet apart; thin out to 6 inches. Sow Turnips from July to October for Turnips and Salad; 1 to 1½ pounds per acre in drills; 1¼ to 2 pounds broadcast. For salad 3 to 4 pounds broadcast. Can be sown in spring for summer use.

5 pounds and over, 5 cts. per pound less than single pound prices.

IMPROVED AMERICAN RED TOP WHITE GLOBE—The most popular turnip for market and table use. Out srock of this Turnip cannot be surpassed, many Turnips were produced from our stock, weighing over 8 lbs. each. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

RED TOP WHITE GLOBE—(Imported). Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts;

LARGE WHITE NORFOLK—Popular for stock, for market, and for salad. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

EARLY WHITE FLAT DUTCH (Strap-Leaved)—Pure white flat growing variety. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.



YELLOW ABERDEEN.

POMPERANIAN WHITE GLOBE—A large, white, globe shaped variety for main crop. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

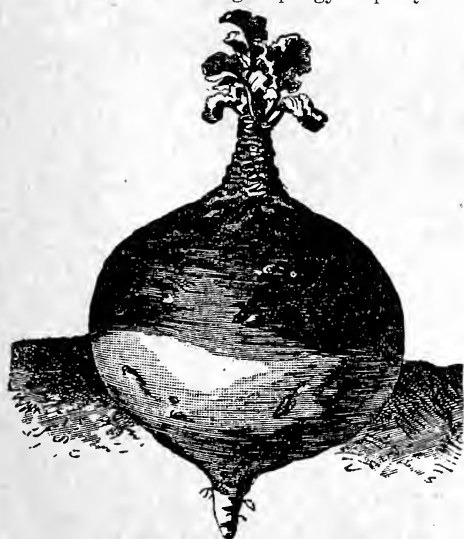
WHITE EGG—Oval; pure white; thin skin; grows rapidly. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY PURPLE TOP MILAN—The earliest variety of Turnip. Medium size, flat, with purple top. Valuable on account of its extreme earliness. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., 75 cts.

LARGE YELLOW OR AMBER GLOBE—Reliable main crop variety for stock or market. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

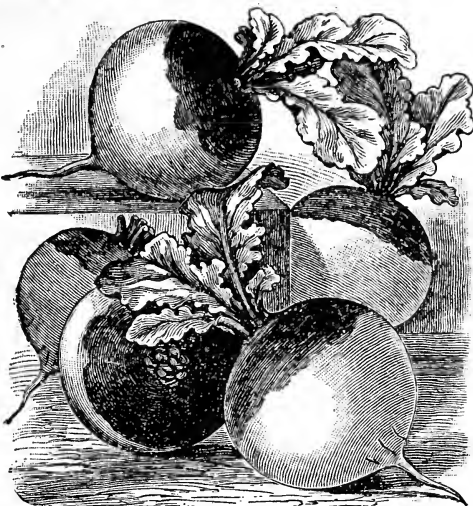
YELLOW ABERDEEN—Splendid for stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

DANISH GREYSTONE—A round, white Turnip, with greenish purple top, large size and very firm, hard flesh and will not get spongy or pithy. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.



IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA.

PURPLE TOP YELLOW RUTA BAGA—Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.



IMPROVED RED TOP WHITE GLOBE TURNIP.

DANISH BORTFELDER—This Turnip has been awarded the first-class certificate several times by the Danish Government as the most productive of all Turnips. It has long root, cream color, delicate green top, rapid grower, heavy cropper and an excellent keeper. Give it a trial. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 20 cts.; lb., 50 cts.

EARLY RED OR PURPLE TOP (Strap-Leaved)—A desirable early variety for home or market. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

LONG WHITE COWHORN—A good variety for the table and stock feeding. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

SOUTHERN PRIZE—Very hardy, stands cold; especially recommended for salad or stock. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

SEVEN TOP—For salad only, roots being of very little value; very hardy. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 35 cts.

IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA—The best variety for table and for stock feeding. Oz., 5 cts.; ¼ lb., 15 cts.; lb., 40 cts.

Tobacco



TOBACCO PLANT.

Everyone of our Tobacco Seed are grown on farms which comprise nearly 2,000 acres of the best Tobacco land in the Tobacco Belt. They are grown under improved scientific methods by reliable men under the supervision of a Tobacco Grower of 46 years experience. We offer no light, cheap Seed for sale, the Seed we offer are saved from only the topmost pods of the best Plants, cleaned of all filth and imperfect Seeds and no pains nor expense is spared to give our customers the very best Tobacco Seed that can be had at any price.

Sow in February and March in a rich and perfectly clean plant bed, from which all seeds and insects have been destroyed by firing. Protect from flies and transplant about June to highly fertilized soil, $3\frac{1}{2}$ to 4 feet each way. Cultivate thoroughly and guard well against suckers and worms.

WARNE—A splendid variety for bright yellow wrappers. Grows to a larger size and holds itself up well. The leaf is large, of medium breadth and very fine grained. It is tough, silky and makes one of the best varieties grown if properly managed. Comparatively new, but already very popular. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED LONG LEAF GOOCH—In this variety we have our ideal Tobacco for Eastern North Carolina and South Carolina, and a portion of Georgia. It is an ideal variety for Sandy Soils, grows unusually large, produces large, broad leaf of No. 1 quality. cures well, brings a good price, and makes more pounds to the acre than most varieties. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED YELLOW ORONOKO—Developed by careful, continuous selections from the Old Standard Yellow Oronoko, which has been more extensively planted for the Yellow Type than any other. Its growth is large, but erect, its leaves are large but of the finest texture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.;

BLUE PRYOR—The genuine James River favorite, in fact a general favorite wherever grown, and commands good prices. Rich shipper and is superior to the Kentucky Blue Pryor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

SWEET OR LITTLE ORONOKO—This is a very superior Oronoko Tobacco, the leaf is long, with a good breadth, has a small stem and very fine texture, used for first-class plug fillers and makes when sun-cured the best natural chewing leaf, on account of its sweetness. It is a general favorite for the "Home-spun" wherever known, especially liked by some for its earliness and ability to stand upon the hill for some time without becoming overripe. In all respects an ideal manufacturing Tobacco. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.;

KENTUCKY YELLOW—An extra large and very superior variety which is extremely popular in the West. The leaf is unusually large but of surprisingly fine texture when size is taken into consideration. Its products are well established upon the market and in great demand. Its large size, handsome shape, and excellent quality are certain to give it a yearly increase in popularity. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BIG HAVANA—A hybrid Havana or Cuban seed-leaf. A heavy cropper of fine texture, delightful flavor and earliest cigar variety to mature and ripen. Will make two crops from one planting in the South, while its earliness makes it most desirable for high latitude. The best Americanized Havana. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED ONE SUCKER—Plants grow to medium large size, the leaf medium size, fine grained and of excellent quality. On light, gray soil this will make a good, bright tobacco, but is especially adapted to make a dark, heavy export tobacco. Long noted for its unusually small growth of suckers. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

BIG ORONOKO—The leaf is large, broad, of handsome appearance, cures well and possesses a great deal of weight and body. For strips and dark wrappers it has no superior. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

WHITE BURLEY—A large, broad leaf, light colored tobacco with thick, porous leaves; raised very extensively in Kentucky and is becoming a prime favorite in Virginia on account of its porous quality; is especially recommended for fillers. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 90 cts.

POWHATAN Co., VA., August 20, 1913.

Diggs & Beadles handle the best and truest Seed that can be bought anywhere, and they will certainly give fine results if properly cultivated.

Yours truly,

C. W. JUSTIS.

FARM AND GARDEN CALENDAR

Monthly Operations for the Farm and Garden for the Different Months of the Year. When and What to Sow.

JANUARY.

Send us your order for Garden Seed. If your hot-beds have not already been prepared, attend to them at once, and sow Cabbage, Lettuce, Beets, Radish, Cauliflower and Onions. Sow hardy Flower Seed in hot-beds for early blooming. Secure manure and cut pea and bean poles. Top-dress grain and grass fields.

FEBRUARY.

Continue top-dressing Grain and Grass fields. Sow in hot-beds or cold frames Cabbage, Lettuce, Beets, Radish, Cauliflower, Onions, Tomato, Egg Plant and Pepper. Latter part of the month sow in open ground Spring Kale, Beets, Spinach, Carrots, Celery, Radish, Parsley, and Early Peas. Put out Asparagus, Horse Radish, and Rhubarb Roots, Onion Sets, hardy Lettuce and Cabbage Plants. Plant Irish Potatoes on high, well-drained soil. Sow Tobacco Seed, Winter Oats, Canada Field Peas, Grass and Clover Seeds.

MARCH.

Sow under glass—Tomato, Pepper, Egg Plant, and Flower Seed. Sow outside—Garden Peas, Cauliflower, Cabbage, Lettuce, Beets, Radish, Parsley, Parsnip, Salsify, Carrots, Celery, Asparagus and Onions. Sow Herb Seed in warm borders. Plant Onion Sets, Irish Potatoes, Asparagus, Rhubarb and Horse Radish Roots, Transplant Early Cabbage, Lettuce and Cauliflower plants. Sow Dwarf Essex Rape, Canada Field Peas, Winter and Spring Oats, Grass and Clover Seed. Plant Artichokes for hogs.

APRIL.

Finish sowing Canada Field Peas, Oats, Grass and Clover Seed, Plant Irish Potatoes and Artichokes. Bed Sweet Potatoes. Set out Asparagus, Rhubarb and Onions. Sow Cabbage, Lettuce and Tomatoes in open ground for succession. Sow Beets, Carrots, Celery, Radish, Salsify, Parsnip, Parsley, Spring Kale, Herbs, Mangel Wurzel. Set out Cabbage, Lettuce, Onions, and Beet Plants. Sow hardy Flower Seed outside. Plant Early Corn, Garden Peas, Snap Beans. Later in the month plant Cucumbers, Melons, Squash and Peanuts, if weather is favorable.

MAY.

Finish planting early vegetables that were omitted last month. Plant all varieties of Dwarf and Pole Beans, Black-Eye Peas, Cantaloupes and Watermelons, Cucumber, Squash, Okra, Pumpkin and Stock Beets. Sow Tomato and Cabbage Seed for late crop. Set out Tobacco, Cabbage, Lettuce, Cauliflower, Tomato, Egg Plants, Pepper and Sweet Potato Plants. Sow Flower Seed and plant Flow-

ering Bulbs. Plant Sugar and Field Corns, Peanuts and Cotton. Sow Sorghum, Millet, Cow Peas, and all Fodder Plants.

JUNE.

Sow Tomato and Cabbage for late crop. Plant Watermelons, Cantaloupes, Cucumbers, Squash and Pumpkin, Dwarf and Pole Beans, Stock Beets. Sow Millet, Sorghum, Soja Beans and Fodder Plants.

JULY.

For succession, plant Snap Beans, Sugar Corn and Dwarf Lima Beans. Plant Cucumbers for Pickles and Potatoes for late crops. Sow Rutabagas and Turnips. Set out Cabbage and Celery plants. Sow Black-Eye and Cow Peas, Soja Beans, Buckwheat and Millet.

AUGUST.

This is the best month for sowing Turnip, Rutabagas and Winter Radish. Sow Spinach, Kale, Lettuce, Endive and Corn Salad. Sow Snap Beans and Peas for late crop. Sow Crimson Clover, Vetch, Rape, Winter Oats, Rye and Barley for winter grazing. Set out Celery, Lettuce and Cabbage Plants; also put out Onion Sets.

SEPTEMBER.

Sow Lettuce, Early Cabbage and Cauliflower for transplanting. Transplant Lettuce, Cabbage and Celery. Set out Onions, Sow Turnips, Kale, Spinach, Winter Radish, Corn Salad and Endive. Sow Lawn Grass and all varieties of Grasses and Clovers. Sow Winter Oats, Rye, Barley, Rape and Sand Vetch.

OCTOBER.

Finish sowing Cabbage, Lettuce, Turnips for Salad, Kale and Spinach. Sow Lawn Grass Seed. Plant Hyacinths, Tulips and Flowering Bulbs for spring blooming. Finish sowing all varieties of Grass and Clover Seed. Sow Dwarf Essex Rape, Sand Vetch, Oats, Wheat, Rye and Barley.

NOVEMBER.

Set out Cabbage, Lettuce, Strawberry Plants and Asparagus Roots. Plant all kinds of Flowering Bulbs for spring blooming. This is the best month for setting out Fruit and Shade Trees. Finish sowing all varieties of Grain and Grass as early in the month as possible. Sow Canada Field Peas.

DECEMBER.

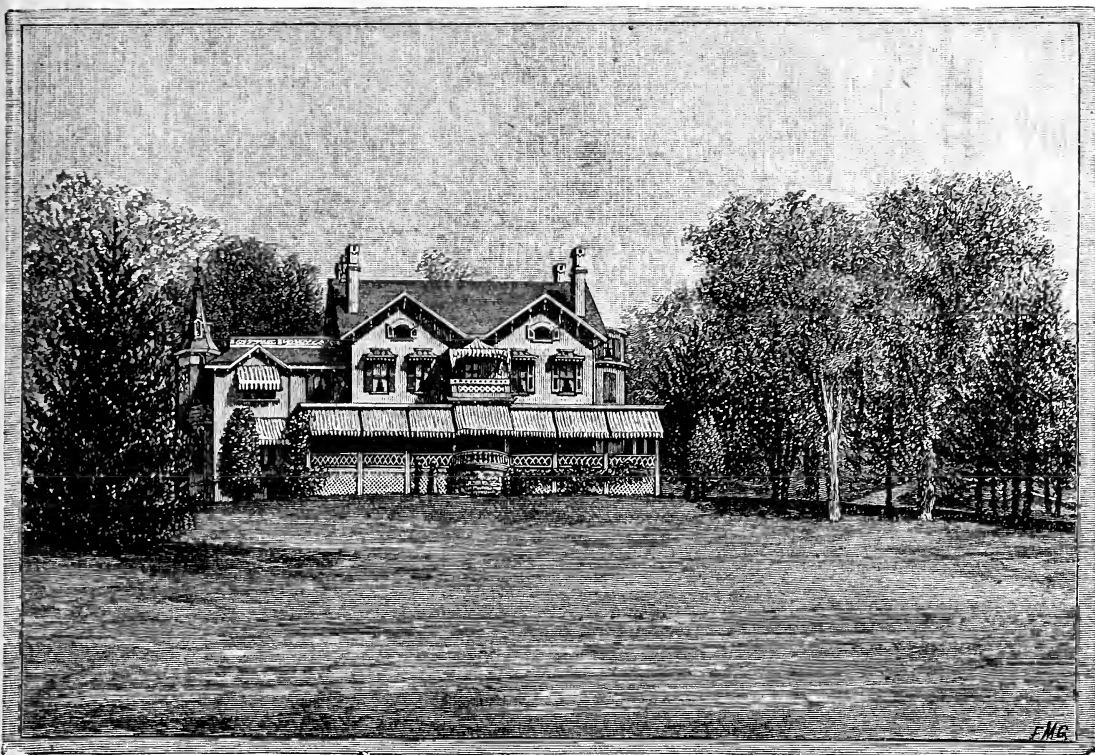
Early in the month, plant Irish Potatoes and Canada Field Peas, but plant them deep. Cabbage, Radish, Lettuce and Beets can be sown in hot-beds.

Planting, Maturity and Weight Table

■ This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seeds is sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Richmond.

VARIETY.	Time to Sow or Plant.	Distance of Rows Apart.	Distance of Plants in Rows.	Quantity to Sow or Plant Per Acre.	Ready to Use.	No. of lbs. of Seed Per Bu.
Artichokes—Tubers.....	Mch. and Apr.	3 ft.	18 in.	6 to 8 bus.	Oct.	50 lbs.
Asparagus—Seed.....	Mch. and Apr.	18 in.	4 in.	8 to 10 lbs.	3 years	60 lbs.
Asparagus—Roots.....	Feb., Mch. and Nov.	6 to 8 ft.	12 to 15 in.	4,000 to 7,000	2 years	.....
Beans—Dwarf Snap.....	Apr. to Sept.	2½ to 3 ft.	3 to 6 in.	1 bu.	8 Weeks	60 lbs.
Beans—Dwarf Lima.....	May, June and July	3 ft.	18 in. to 2 ft	¼ to ½ bu.	10 Weeks	60 lbs.
Beans—Pole.....	May and June	4 ft.	3 ft.	1 Peck	10 Weeks	60 lbs.
Beans—Navy.....	June and July	2½ to 3 ft.	12 in.	¼ to ½ bu.	Oct.	60 lbs.
Beans—Soja (In drills).....	May and June	3 ft.	6 to 12 in.	½ bu.	Sept.	60 lbs.
Beans—Soja.....	May and June	Broadcast	Broadcast	1 to 1½ bu.	Sept.	60 lbs.
Barley.....	Aug. to Nov.	Broadcast	Broadcast	1 to 1½ bu.	June	48 lbs.
Beets—Table.....	Feb. to Aug.	1½ to 2 ft.	4 in.	6 to 8 lbs.	2 Months	20 lbs.
Beets—Stock.....	Apr., May, June	2½ to 3 ft.	6 in.	5 to 6 lbs.	Oct.	20 lbs.
Buckwheat.....	June to Aug. 15th	Broadcast	Broadcast	¾ to 1 bu.	Oct.	48 lbs.
Cabbage Seed—(Early).....	Feb., Mch., Apr. and Sept.	Broadcast	Broadcast	8 ozs.	May, June, July	54 lbs.
Cabbage Seed—(Late).....	May, June, July	Broadcast	Broadcast	6 ozs.	Oct. and Nov.	54 lbs.
Cabbage Plants—(Early).....	Mch., April, Nov.	3 ft.	18 in.	8,000 to 10,000	May, Jun., July	.....
Cabbage Plants—(Late).....	July and Aug.	3 to 3½ ft.	2 to 3 ft.	3,000 to 8,000	Oct. and Nov.	.....
Carrot.....	Mch. to June	2 ft.	3 to 4 in.	3 to 4 lbs.	60 days	28 lbs.
Celery—Seed.....	Feb. and Mch.	1½ to 2 ft.	2 to 4 in.	3 lbs.	Nov.	37 lbs.
Celery—Plants.....	July and Aug.	4 ft.	6 to 12 in.	15,000 to 25,000	Nov.	.....
Clover—Red and Mammoth.....	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	10 to 12 lbs.	June of next year	60 lbs.
Clover—Alsike.....	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	8 to 10 lbs.	June of next year	60 lbs.
Clover—Alfalfa.....	Feb., Mch. and Aug. to Nov. 1	Broadcast	Broadcast	25 lbs.	May of next year	60 lbs.
Clover—Crimson.....	July to Nov.	Broadcast	Broadcast	20 lbs.	May of next year	60 lbs.
Corn—Garden.....	Apr. to July 10	3 to 3½ ft.	12 to 18 in.	4 to 8 qts.	2 to 3 months	44 to 56
Corn—Field (drills).....	Apr. to July 1	3½ to 4½ ft.	12 to 18 in.	6 to 8 qts.	4 months	56 lbs.
Corn—Field (checked).....	Apr. to July 1	3½ to 4 ft.	3½ to 4 ft.	4 to 6 qts.	3 to 4 months	56 lbs.
Cucumber.....	Apr. to July	4 to 5 ft.	2 ft.	2 to 3 lbs.	2½ months	40 lbs.
Egg Plant—Seed.....	Feb. and Mch.	Broadcast	Broadcast	6 ozs.	3 to 4 months	40 lbs.
Egg Plants.....	May and June	3 ft.	3 ft.	5,000 to 6,000	60 days	.....
Grass Seed—(Light).....	Feb. to Apr. 10	Broadcast	Broadcast	2 bus.	June of next year	14 lbs.
Grass Seed—(Timothy).....	*Feb. and Mch.	Broadcast	Broadcast	15 lbs.	July of next year	45 lbs.
Grass Seed—(Lawn).....	*Feb. and Mch.	Broadcast	Broadcast	60 to 80 lbs.	8 to 10 weeks	20 lbs.
Kale—Spring.....	*Feb. to May 1	Broadcast	Broadcast	8 to 10 lbs.	4 to 6 weeks	56 lbs.
Kale—Winter.....	Aug. to Nov.	Broadcast	Broadcast	3 to 4 lbs.	Nov.	54 lbs.
Lettuce—Seed.....	Feb. to May	Broadcast	Broadcast	1 lb.	2 to 3 months	35 lbs.
Lettuce—Plants.....	Feb. to June and Aug. to Nov.	18 to 24 in.	8 to 12 in.	20,000 to 40,000	2 months	.....
Muskmelon or Cantaloupe.....	May and June	4 to 6 ft.	4 to 6 ft.	2 lbs.	2½ to 3 months	32 lbs.
Melon—Water.....	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	3 months	32 lbs.
Millet—German.....	May to Aug. 1	Broadcast	Broadcast	1 to 1½ bus.	60 days	50 lbs.
Oats—Spring.....	Mch. and Apr.	Broadcast	Broadcast	1½ to 2 bus.	July 1st	32 lbs.
Oats—Winter.....	Aug., Sept., Oct.	Broadcast	Broadcast	2 bus.	Jun. 20 to July 1	32 lbs.
Okra.....	Apr. and May	2½ to 3 ft.	8 to 10 in.	8 to 10 bus.	60 days	48 lbs.
Onions—For large bulbs.....	Mch. and Apr.	15 to 24 in.	3 in.	4 to 5 lbs.	July and Aug.	40 lbs.
Onions—For sets.....	Mch. and Apr.	12 to 18 in.	.....	30 to 40 lbs.	July and Aug.	40 lbs.
Onion—Sets.....	Feb. to May and Sep. and Oct.	18 to 24 in.	4 in.	5 to 10 bus.	May and June	32 lbs.
Parsnips.....	Mch. and Apr.	1½ to 2 ft.	4 in.	5 to 7 lbs.	Oct.	18 lbs.
Peanuts.....	May and June	3 ft.	15 to 18 in.	1 bu. to 1½ bus.	Nov.	22 lbs.
Peas—Garden Smooth.....	Feb. to May	3 ft.	15 to 18 in.	1½ to 2 bus.	8 weeks	60 lbs.
Peas—Garden Wrinkled.....	Mch. to May	3 ft.	15 to 18 in.	1½ to 2 bus.	8 to 10 weeks	56 lbs.
Peas—Canada Field.....	Feb. to May and in Nov.	Broadcast	Broadcast	1½ bus.	June	60 lbs.
Peas—Cow.....	May to Aug. 1	Broadcast	Broadcast	1½ bus.	3 months	60 lbs.
Pepper—Seed.....	Feb. and Mch.	Broadcast	Broadcast	6 oz.	July and Aug.	28 lbs.
Pepper—Plants.....	May and June	30 in.	18 in.	10,000 to 14,000	July and Aug.	.....
Potatoes—Early.....	Mch. and Apr.	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	June and July	60 lbs.
Potatoes—Late.....	June and July	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	Oct. to Nov.	60 lbs.
Potatoes—Sweet. Plants.....	May 10, June 15	3 ft.	18 to 24 in.	7,000 to 8,000	Sept.	.....
Pumpkin.....	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	Oct.	24 lbs.
Radish.....	Feb. to May and Aug. and Sept.	Broadcast	Broadcast	20 lbs.	24 to 40 days	50 lbs.
Rape.....	Feb. to Oct.	Broadcast	Broadcast	8 to 10 lbs.	6 to 8 weeks	56 lbs.
Rye.....	Aug. to Dec.	Broadcast	Broadcast	1 to 1½ bus.	June	56 lbs.
Salsify.....	Mch. to May 10	1½ to 2 ft.	3 to 4 in.	6 to 8 lbs.	Oct.	18 lbs.
Sorghum—For Fodder.....	May and June	Broadcast	Broadcast	1½ to 2 bus.	Sept. and Oct.	50 lbs.
Sorghum—(In drills).....	May and June	3 ft.	4 to 6 in.	1 peck	Nov.	50 lbs.
Spinach—(In drills).....	Feb., Mch., Apr. and Aug. to Nov.	15 to 18 in.	2 in.	20 lbs.	60 days	48 lbs.
Spinach—(Broadcast).....	Feb., Mch., Apr. and Aug. to Nov.	Broadcast	Broadcast	40 lbs.	60 days	48 lbs.
Squash.....	Apr., May, June,	4 ft.	4 ft.	3 lbs.	July	26 lbs.
Teosinte.....	May and June	3 to 3½ ft.	8 to 10 in.	3 to 5 lbs.	Aug. to Oct.	46 lbs.
Tobacco—Plants.....	May and June	3 to 4 ft.	2 to 3 ft.	4,000 to 5,000	Sept. to Oct.	35 lbs.
Tomato—Seed.....	Feb. to June	Broadcast	Broadcast	6 ozs.	Jun. 20 until frost	20 lbs.
Tomato—Plants.....	May to July	4 ft.	3 to 4 ft.	2,800 to 4,000	Jun. 20 until frost	.....
Turnip.....	July 1 to Sept. 15th	2 ft.	4 in.	1 to 1½ bus.	1½ to 2 months	50 lbs.
Turnip—(Broadcast).....	July 1 to Sept. 15	Broadcast	Broadcast	2 lbs.	1½ to 2 months	56 lbs.
Vetch—Winter.....	Aug. to Nov.	Broadcast	Broadcast	50 lbs.	May of next year	50 lbs.
Wheat.....	Sept. to Nov. 15	Broadcast	Broadcast	1 to 2 bus.	June 90	60 lbs.

*Sept. and Oct.



D. & B.'s Finest Mixed Lawn Grass

We have made a careful study of the difficulties met with in making a permanent lawn, and the result of our efforts is this splendid mixture.

This special mixture is composed entirely of the very highest grade, and most suitable grasses, as respects color, texture and permanency.

It is far better than the Kentucky Blue Grass, as it produces beautiful green velvety sward in quicker time (which is in 6 to 8 weeks from time of sowing) and is of more permanent lasting qualities. It is better adapted to the various soils, and stands the heat and drought of summer as well as the severe cold better than any of the various mixtures so commonly offered.

That we have been successful in securing the most desirable combination is shown in the character of the fine lawns produced from this seed in our city parks, and in beautiful Hollywood and Oakwood cemeteries, as well as many country estates who use this mixture in very large quantities.

It should be kept in mind, when comparing prices, that this mixture is all of the choicest, cleanest and heaviest seeds; is entirely free from weed seeds, and weighs 20 pounds to the bushel, as compared with the legal weight of 14 pounds. Price, per pound, 25 cts.; 5 lbs., \$1.00; bushel of 20 lbs., \$3.75; 100 lbs., \$18.00.

PREPARATION AND CARE OF LAWNS

The proper preparation of the ground in starting a new lawn is essential. This is too often neglected. The ground should be deeply ploughed, or spaded deep enough to leave a bed of loose earth 4 to 6 inches deep. This should be thoroughly pulverized and raked, removing all sticks, roots and stones. After getting the ground perfectly smooth, put on an application of Raw Bone Meal, at the rate of 5 pounds to the 300 square feet or 1,000 pounds to the acre. **DO NOT USE STABLE MANURE**; it is unsightly, and is also a hot-bed of weed seeds and worms (the very thing to be guarded against in laying a foundation for a lawn). Sow the seeds at the rate of 1 pound to the 300 square feet, or about 18 feet each way, 4 bushels to the acre. The land should then be gone over with a heavy roller, or the seed raked in thoroughly with a small hand-rake. The best months for seeding a lawn are February, March, April or October. Let the grass get a start of 4 inches before cutting, as too early cutting retards growth; after this cut every ten days, and water thoroughly once a week in the evening is sufficient, watering every day has a tendency to keep the roots of the grass near the surface, and are likely to be burnt out by the hot midday sun.

Miscellaneous Farm Seeds

The prices of all Field Seeds are constantly fluctuating. The prices given here are for January 10th. We will cheerfully quote prices and mail samples at any time on request. 2½ bushel Cotton Sacks to hold Clovers, Timothy and Herds' Grass will be charged for extra at 22 cts. each.

Clovers

Enclosed please find check in payment of Crimson Clover Seed which was received, and in good condition, and accept my thanks for your prompt attention in shipping all of my orders so promptly, and the nice quality Seed I always get from your house.

Very respectfully,

A. B. ROANE.



RED CLOVER.

RED CLOVER (TRIFOLIUM PRATENSE)—This is the common Red Clover so popular everywhere—the farmer's friend, the soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 1st, and will be ready for mowing the following Spring. Sow 10 or 12 pounds to the acre. Prices fluctuate. Present price—D. & B.'s Best, lb., 20 cts.; \$10.25 bu.

MAMMOTH SAPLING, OR PEAVINE CLOVER (TRIFOLIUM PRATENSE)—Very much like the common Red Clover, but larger, heavier and later. Especially recommended for thin soils. Sow 10 to 12 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, lb., 20 cts.; \$10.25 bu.

ALFALFA OR LUCERNE (MEDICAGO SATIVA)—This grows 2 to 4 feet high; will bear cutting four or five times a year on very rich, deep soil. Will stand five or ten years with one seeding, and stands drought remarkably well. It is becoming more generally used every year; the land should be thoroughly prepared and seeded; 25 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, lb., 15 cts.; bu., \$7.50.



ALFALFA

GERMAN CRIMSON OR ANNUAL CLOVER (TRIFOLIUM INCARNATUM)—Makes excellent green foliage, or if cut when in bloom will make good hay. Especially valuable

for improving the soil, making a quick, heavy and very valuable crop for plowing under. May be sown to advantage among corn, cotton or tobacco at the last cultivation, and will afford a dense mat for turning under in spring. Sow 20 to 30 pounds to the acre from July to November. Present price—D. & B.'s Best, lb., 7 cts.; bu., \$3.75.

SPOTSYLVANIA COUNTY, April 10, 1913.

Please send me your catalogue by return mail. I cannot plant my garden without your Seeds, and feel thoroughly satisfied.

Yours truly,

MRS. SUSIE CARTER.

NEW KENT CO., VA., March 12, 1913.

It is with pleasure I send you my order, for I am sure of fair dealings and perfect satisfaction with your Seed.

Yours truly,

G. W. BINGLEY.

WARREN COUNTY, VA., March 15, 1913.

I was very much pleased with the Seeds I have bought from you.

Very truly yours,

JOHN A. JETT.

WHITE GERMAN OR ANNUAL CLOVER—Similar to Crimson Clover, except it has a white blossom instead of a crimson, and grows larger and is from 2 to 3 weeks later in maturing. Present price—D. & B.'s Best, lb., 9 cts.; per bu., \$4.50.

ALSIKE CLOVER (TRIFOLIUM HYBRIDUM)—This is probably the best variety to sow with other grasses for a good mixed hay. On stiff, moist soil, makes pasture, but is chiefly valuable for hay. Stands cold well, on either wet or dry soils. Largely sown for bees. Sow 10 to 20 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, 22 cts. lb.; \$12.25 bu.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS)—Thrives in any soil or climate; and being of low, creeping growth, is especially valuable for pastures and lawns. D. & B.'s Best, per lb., 33 cts.; 10 lbs., or over at 30 cts. lb.

WHITE BOKHARA, OR SWEET CLOVER—This is a good clover to sow on poor or thin land as an improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed in alfalfa; is also valuable for bees; we would recommend a trial of this Clover on poor soil. Sow about 10 lbs. to the acre. Per lb., 20 cts.; 10 lbs. at 19 cts. lb.; 100 lbs., \$18.00.

BURR CLOVER—When seeded in the summer or early fall this Clover will make a valuable grazing crop from November until June. It reseeds itself and improves in growth each succeeding year. Is also a valuable soil improver. Sow 15 lbs. to the acre. D. & B.'s Best, Recleaned seed, per lb., 20 cts.; 100 lbs., \$16.00.



CRIMSON CLOVER.

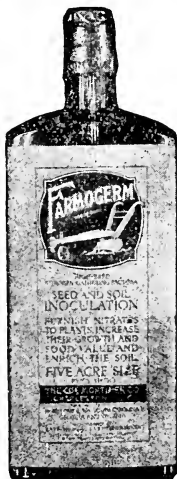
FARMOGERM

(High Bred Nitrogen Fixing Bacteria)

A RELIABLE METHOD OF INOCULATION

Farmers the world over are beginning to understand that success with legume crops such as Peas, Beans, Peanuts, Clovers, Alfalfa, Vetch, etc. depends to a great extent on having the right kind of bacteria to supply these plants with Nitrogen—Farmogerm is the only preparation of legume bacteria that have been bred up and selected and that can be guaranteed to be *pure, live and active*. Put Farmogerm on the seed before planting your next legume crop, as it is one of the best forms of crop insurance.

The biggest and cheapest source of Nitrogen in the world is in the air. The problem is to change the Nitrogen in the air into nitrates on the roots of the plants. That is exactly what Farmogerm Bacteria do, and the amount of Nitrogen that you can secure from a crop of peas, beans or any other legume depends on the quantity of the bacteria you have in the soil. If



you are interested in improving your land at the least possible cost it will pay you to use Farmogerm.

Endorsed by colleges and experiment stations and the best agricultural authorities.

Six years of constantly increasing demand from thousands of users prove its value.

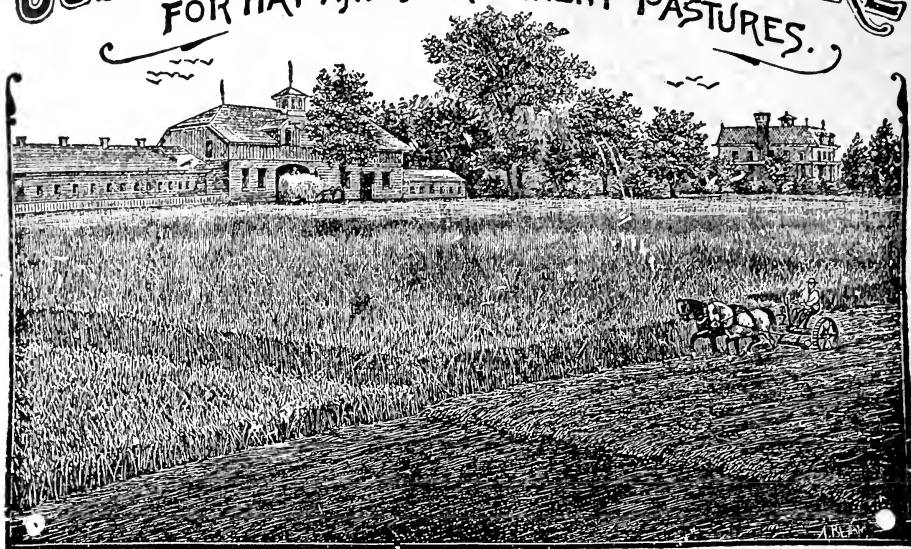
PRICES

Farm Size for 5 acres, \$9.00. Trial size for 1 acre, \$2.00. Garden size for Peas, Beans and Sweet Peas, 50 cts. In ordering state which of the following crops you wish it for: Cow Peas, Soja Beans, Peanuts, Alfalfa Clover (what kind), Canada Field Peas, Garden Peas or Beans.

Full Farmogerm Literature Sent
Free on Request.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



D. & B.'s Grass Mixtures

It has long been an established fact that Grass Seed sowed in mixture makes a far better yield of hay and also a better pasture than when one variety is sowed alone. We have made a study of Grass Mixtures and in offering the following we have the ideal mixtures for the purposes for which they are recommended. Only the highest grade of seed are used and they are thoroughly mixed in the proper proportions to get the best results. In the Hay mixtures we use only the Grasses which have proven the best to sow together and which mature and ripen together, which is, of course necessary to get the best crops. We have most flattering testimonials from many of our customers telling us of their enormous yields and splendid results they have had from seeding our mixtures. We recommend these mixtures with entire confidence, and we feel sure that they cannot be improved upon, but should any of our customers prefer a different mixture, we will be glad to mix the seeds in any proportion they may wish.

D. & B.'S GRASS MIXTURE.

No. 1 FOR HAY OR PASTURE.

Recommended for light or loamy upland, for either hay crop or grazing purposes.

COMPOSED OF

Orchard Grass.	Tall Meadow Oat Grass.
Perennial Rye Grass.	Red Clover.
	Alfalfa.

These Grasses mature and ripen together, making a splendid hay. Sow 30 to 35 lbs. to the acre.

Price, per lb., 17c; 10 lbs., 15c lb., 100 lbs., \$13.50.

D. & B.'S GRASS MIXTURE.

No. 2 FOR PASTURE.

Recommended for light or loamy upland.

COMPOSED OF

Orchard Grass.	Tall Meadow Oat Grass.
Perennial Rye Grass.	Herds Grass.
Canada Blue Grass.	Red Clover.
White Dutch Clover.	Alfalfa.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 17c; 10 lbs., 16c lb., 100 lbs., \$14.50.

D. & B.'S GRASS MIXTURE.

No. 3 FOR HAY.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Timothy.	Herds Grass.
Mammoth Clover.	Alsike Clover.
Meadow Fescue.	

These Grasses mature and ripen together. Sow 20 lbs. to the acre.

Price, per lb., 17c; 10 lbs., 16c lb., 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 4 FOR PASTURE.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Kentucky Blue Grass.	Herds Grass.
Alsike Clover.	White Dutch Clover.
	Meadow Fescue.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 18c; 10 lbs., 17c lb.; 100 lbs., \$16.00.

GRASSES

The Grass Seed I bought from you last fall, I think every Seed came up. Will always order of you.

J. T. BROWN, Jr.

I have the best stand of grass in the county from the Seed purchased from you.

ORANGE CO., VA., March 12, 1913.

W. W. OSBORNE.



TALL MEADOW OAT GRASS.

ORCHARD GRASS (DICTYLIS GLOMERATA)

—This is one of the most reliable grasses for hay or pasture in this section, making quick, vigorous and continuous growth from early spring to winter. Sow 2 bushels per acre in spring or fall, and in any soil; loamy upland is best. Also excellent to mix with other grasses. Price fluctuates. Present price—D. & B.'s Best, \$2.00 per bu.

LUNENBURG CO., VA.

I am very much pleased with the Orchard Grass Seeds you have sent me.

ISLEY STOKES.

TALL MEADOW OAT GRASS (AVENA ELATIOR)

—A most valuable grass for the South, as it stands heat and drought well and flourishes on dry, light soils. Splendid for pastures and for hay; may be cut twice in a season. Sow $2\frac{1}{2}$ bushels to the acre. Price fluctuates. Present price—Per bu., D. & B.'s Best, \$1.75.

JEFFERSON CO., W. VA., September 8, 1913.

I have been getting such good quality Tall Meadow Oat Grass Seed from you for several years past that I naturally send back again.

Please ship me 8 bushels at once, and oblige.

Yours truly,

J. H. THOMPSON.



ORCHARD GRASS.

TIMOTHY (PHLEUM PRATENSE)—Very nutritious, and salable for hay, but not so good for pasture, as it is injured by close cutting or grazing. Thrives best on heavy soils, especially if moist, and should not be sown on light, dry land. Good results are obtained if mixed with Red Top or Herd's Grass, Sapling Clover, Alsike or some grass maturing at same time. Sow 15 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 8 cts.; \$3.10 per bu.; choice, \$3.00 per bu. of 45 lbs.

RED TOP, OR HERD'S GRASS (ARGROSTIS VULGARIS)—This excellent pasture and hay grass does well on any soil. But, perhaps, thrives better on moist, heavy soils than on light. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at same time as Timothy, with which it makes a good mixture. Sow 10 to 12 pounds clean seed to the acre. Price fluctuates. Present price—D. & B.'s Best, fancy recleaned, 26 cts. per lb.; 100 lbs., \$25.00. Unhulled seed, 18 cts. per lb.; \$17.00 per 100 lbs.

Mark me down as one of your satisfied customers. The Herd's Grass you shipped me was clean and germinated fine for Red Top, and your prices are right.

FLUVANNA CO., VA., June 16, 1913.

Yours truly,

SAM L. LAING.



KENTUCKY BLUE GRASS.

KENTUCKY BLUE GRASS (POA PRATENSIS)—This grass succeeds best on limestone soil, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. First-class for lawns or pasture. Succeeds better, however, when mixed with other grasses. Sow in fall or spring. Two and a half bushels to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 20 cts.; \$1.75 per bu. of 14 lbs.

CANADA BLUE GRASS (POA COMPRESSA)—Similar to the Kentucky Blue Grass, and is recommended by authorities on grasses for our Southern soils, as it is very hardy and resists drought. We especially recommend its use in mixtures for lawns and pastures. Per lb., 20 cts.; per bu., of 14 lbs., \$1.50.

MEADOW FESCUE, RANDALL, OR ENGLISH BLUE GRASS (FESTUCA PRATENSIS)—Remains green all winter, making fine, nutritious pasture, and also yields well as hay crop. Largely used for grazing. Sow 2 bushels to the acre. Price fluctuates. Present price per lb., 15 cts.; per bu., of 14 lbs., \$1.75.

PERENNIAL RYE GRASS (LOLIUM PERENE)—Good for hay and pasture, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and

GRASSES—Continued.

matures very early, and lasts several years. Sow 30 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; per bu. of 14 lbs., \$1.10.

ITALIAN RYE GRASS (LOLIUM ITALICUM)—Larger and stronger than Perennial Rye Grass; has large broad, glossy green blades. Thrives best on moist, fertile soils, furnishing three or four cuttings a year. Sow 3 bushels to the acre. Price fluctuates. Present price—per lb., 10 cts.; per bu., of 14 lbs. \$1.10.

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth; prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold. It is very similar to our Virginia Wire Grass. Sow in March or April, 3 to 5 pounds to the acre, in well-prepared soil. Lb., 50 cts.; 10 lbs. or over, at 45 cts. per lb.

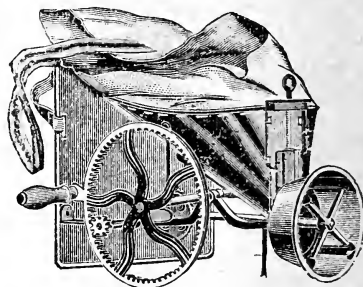
CREEPING BENT GRASS (AGROSTIS STOLONIFERA)—Very hardy, standing trampling of pasture or lawns better than any other grass. Thrives best on moist lands. Sow 40 pounds to the acre. Price fluctuates. Present price—per lb., 30 cts.; 10 lbs. and over, at 28 cts.

HARD FESCUE (FESTUCA DURIUSCULA)—This makes excellent lawns and pasture on dry soils and stands drought well; keeps green all winter. Sow about 35 lbs. to the acre. Price fluctuates. Present price—Per lb., 20 cts.; 10 lbs. or over, at 18 cts.

SHEEP FESCUE (FESTUCA OVINA)—Excellent for sheep pastures and flourishes on dry, rocky soil. where other grasses will not grow. Makes a short, thick, deep turf, especially valuable for pleasure grounds. Sow about 3 pounds to the acre. Price fluctuates. Present price—Per lb., 20 cts.; 10 lbs. or over, at 18 cts.

The Cahoon Broadcast Seed Sower

The standard broadcast seeder and the best manufactured. Sows all kinds of grain, Clover, Timothy and heavy seeds. Very simple in operation and sows 4 to 6 acres an hour at a common walking gait. Distributes seeds uniformly in one-fifth the time required by hand. Circular on request. Price, \$2.75.



LAWRENCE, KANSAS, January 12, 1914.
I bought some Sweet Potato Seed from your firm last year and they were just fine. All of the gardeners who have seen them want to get some of your Seed. They are much sweeter than any we have here, and I want to get some more Potatoes, and also other Seed from you.

Yours truly,

F. M. MONROE.

LOUISIA VA., January 13, 1914.
I have been purchasing my Seeds from you through the Farmers Union and was very much pleased with the quality of your Seeds, your prices and your prompt shipments, and hope we can continue to do business with you.

Yours truly,

W. J. P. WHITLOCK.

GOLDDALE, VA., January 13, 1914.
Please send me your prices on clover seed to our Farmers' Union. Your firm treated us all right last year, and hope we can do business with you again.

Yours truly,

W. A. CAMMACK.

LOUISA COUNTY, VA., August 23, 1912.
This year I cut the largest crop of valuable Hay that I have cut for many years from your Mixture of Grass Seed, which you shipped me in September, 1910.

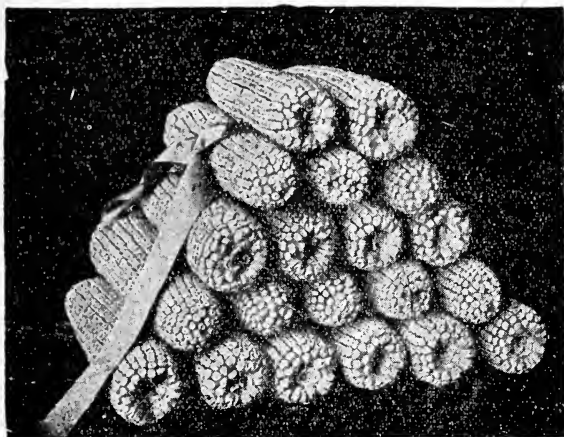
W. C. CARPENTER.

CHARLES CITY COUNTY, VA., September 3, 1912.
I take great pleasure in advising you of my splendid success with your mixture. This was Seeded on the 12th of last September on good land. but no lime or fertilizer was used. On June 17th I cut the second crop amounting to something over 3 tons of Hay, making a result of 8 tons from 3 acres of land. It is I think the most desirable crop we can grow in my section.

D. & B.'s Selected Seed Corns

All of our Field Corns are raised in Virginia, selected and grown under contract especially for seed purposes. The seed is saved only from the largest and best ears, and the ends of the ears are cut off before shelling, which leaves only the largest and best grains for seed.

Owing to the great care we exercise in growing and selecting our Seed Corns and the superiority of our strains the demand for our Corns have increased marvelously within the last few years. Not only is our farmers trade increasing, but we sell our corns in large quantities to many seedsmen in other states.



D. & B.'S VIRGINIA STATE WHITE DENT.

a bad, wet season than harder varieties. Our seed is grown from premium stock. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

Selected ears on cob, per bus. of 70 lbs., \$2.50.

COCKE'S PROLIFIC—A very valuable white variety, making enormous yield on rich land. Especially adapted to river bottoms or lands subject to overflows, on account of its flintiness it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior for meal and hominy. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

BLOUNT'S PROLIFIC—Remarkably prolific white corn of flinty nature, producing three to six ears to the stalk. Makes splendid meal. We recommend it only for rich land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific, the ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, pure white variety and makes excellent meal. Is especially adapted to rich low grounds, and is one of the most valuable ensilage varieties. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

D. & B.'S VIRGINIA STATE WHITE

DENT—Several years of careful breeding and selecting has developed this beautiful strain of large White Corn. It is a great improvement over the old White Dent. It is very hardy, uniform in size and productive. Is pure white, large ear, medium size cob, fills out well at both ends. Qt., 15 cts.; pk., 45 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

Selected ears on cob, per bus. of 70 lbs., \$2.25.

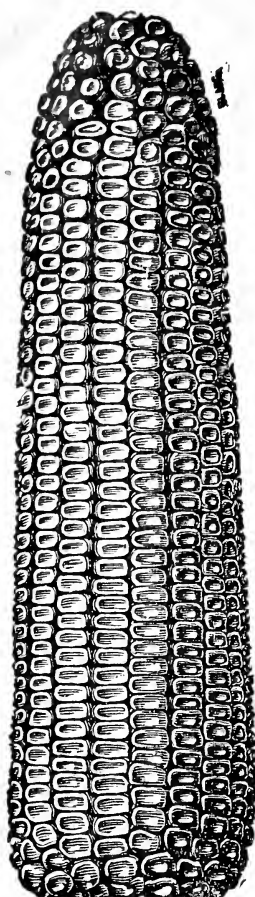
BOONE COUNTY WHITE—A large eared variety of white corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular and has probably taken more premiums than any other variety of corn for the last few years. Being a soft corn it is excellent for stock feeding, but is more liable to rot on the stalks in

ORANGE COUNTY, VA., July 13, 1912.
The Seeds you have shipped me have proven very satisfactory. I made 3 tons of Hay off the land on which your Seed were sown last fall, and I expect to get 5 tons from the same land next year.

W. W. OSBORNE.

NURSERY STOCK

We have a complete Special Catalogue of Nursery Stock of all kinds, including all kinds of Fruit, Ornamental and Shade Trees, Grape Vines, Berry Plants, etc. Mailed free on request. If you are in need of Nursery Stock be sure and write for one.



EARLY PEARL CORN.

HICKORY KING—Very large, pearly white grains; very small cob; especially good variety for high land; Qt., 15 cts.; pk., 60 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

WHITE GOURD SEED, OR HORSE TOOTH—A very deep grain corn, with large ears and small cob. One of the most popular for medium or light land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

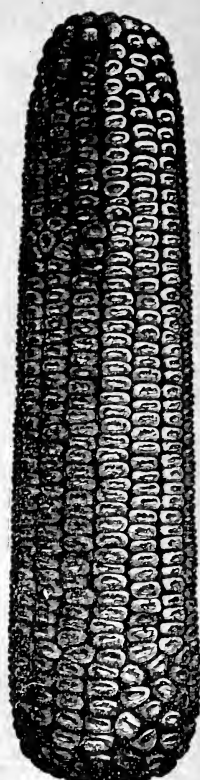
EARLY PEARL—This is the earliest white field variety, has medium size ears, frequently 2 or 3 to the stalk and ears grow close to the ground, does not make a very large growth, therefore can be planted closer than large corns. A splendid variety for earliest feed, Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

VIRGINIA WHITE DENT—An old favorite; has long, deep grains; small cob; yields well on medium soils. Excellent for market or ensilage. Qt., 15 cts.; pk., 45 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Qt., 15 cts.; pk., 45 cts.; bu., \$1.40; 5 bu. at \$1.30 bu.

IMPROVED GOLDEN DENT—The most popular yellow corn; large deep grains; small cob; early and hardy. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

VIRGINIA YELLOW DENT—A standard yellow dent variety. Qt., 15 cts.; pk., 50 cts.; \$1.50; bus. at \$1.40 bu.



IMP'D. GOLDEN DENT

KING AND QUEEN CO., VA., August 27, 1913.

The Virginia Yellow Dent Corn I purchased from you is simply fine.

E. B. SAVAGE.

MAMMOTH YELLOW SOJA BEANS.

A splendid forage crop, nutritious, heavy growth, improves the soil, makes good ensilage, and withstands drought better than any other forage crop. Makes excellent hog food. Sow 1 to 1½ bushels to the acre broadcast, or plant in drills, ½ bushel to the acre, and cultivate like corn. Qt., 15 cts.; pk., 60 cts.; bu., about \$2.00.

VELVET BEANS.

This is a very rapid growing bean, and makes a larger growth than any other pea or bean known. They are especially recommended for improving poor, worn out lands. Can be sown broadcast, but we think it best to plant in drills and cultivate them once. After they get started they will soon cover the ground with vines so dense that it is difficult to plow them under. We recommend turning stock on them and let them eat and trample down the vines, which can then be turned under or left until spring. Should be planted in May or June, 1 or 2 pecks to the acre, in drills, or 1 bushel broadcast. Qt., 20 cts.; pk., 85 cts.; bu., \$3.00.



SOJA BEANS.

POWHATAN CO., VA., September 12, 1913.

The Mammoth Yellow Soja Beans you shipped me are grand, the best I have ever raised.

Yours truly,

J. E. JUSTIS.

Oats



A FIELD OF BURT OR NINETY DAY OATS.

HANOVER CO. VA., July 16, 1913.

I sowed the White Spring Oats I ordered from you in the spring and they made a good crop, the finest I ever saw.

CROMWELL TAYLOR.

BURT, OR NINETY DAY OATS—The best Spring Oats, as it is the earliest, nearly rust proof, hardy and vigorous and yields more grain than any other spring oats. The seed resembles the Red Rust Proof, but is not as large or as heavy. Per bu., 73 cts.; 10 bu. and over, at 70 cts. per bu.

VIRGINIA GRAY WINTER OR TURF OATS—This has long been by far the most popular variety in this State, and is now extending into all parts of the South and West. Though a winter oat, they also succeed well if sown in the spring, making surest crop if sown by March 15. Sow $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price—Per bu., of 32 lbs., 80 cts.; 10 bu. at 78 cts.

RED RUST PROOF OATS—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Price fluctuates. Present price—Per bu., of 32 lbs., 70 cts.; 10 bu. and over, at 68 cts. bu.

APPLER OATS—An early large red Oat similar to the Rust Proof but hardier and yields more grain. Adapted to either spring or fall sowing. Bu., 83 cts.; 10 bu., at 80 cts.

BLACK SPRING OATS—A hardy black seeded spring oat which makes a very good crop of grain. Price fluctuates. Present price—65 cts. bu.; 10 bu. lots, at 63 cts.

WHITE SPRING OATS—A large, heavy White Oat for spring seedling. Price fluctuates. Present price—D. & B.'s Best, per bu., 60 cts.; 10 bus. and over, at 58 cts.



RED RUST PROOF OATS.

We do an extensive business with the various Farmers Union throughout Virginia and North Carolina, and we attribute the large amount of business done with these organizations to the high quality of our Seeds, and satisfactory results they always give. One of the large Farmers Clubs with whom we have had the pleasure of doing considerable business for several years writes us:

HOLLAND, VA., January 26, 1913.

"You will please ship us the enclosed order, which is much larger than we expected to send you, but the fact that the Oats we bought from you last year were so satisfactory, is the reason why the order is larger this year."

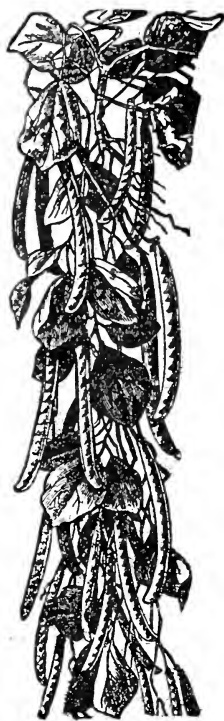
Yours very truly,

R. C. NORFLEET.

WINTER RYE—This is largely cultivated for pasture in winter, for earliest green feed, and for turning under as well as for the grain. Sow from July to December; $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price, 85 cts. per bu.

WINTER BARLEY—Sow from September to November; 1 to $1\frac{1}{2}$ bushel per acre. Price fluctuates. Present price—Per bu. of 48 lbs., \$1.00.

SEED WHEATS—We will have in season all of the best varieties of seed Wheat. Send for special list in September.



COW PEAS.

Field and Cow Peas

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improving the poorest land and enriching the richest. It is also a splendid forage and field crop, producing a heavy growth of excellent feed.

PRICES OF COW PEAS ARE CONSTANTLY CHANGING, WRITE US FOR PRICES WHEN READY TO BUY.

CANADA FIELD PEAS—This variety is not considered a cow pea, but is of the English pea family. Has small seed and pods, grows 4 to 5 feet high and makes excellent early hay. We recommend sowing Rust-Proof Oats with these in February or March at the rate of 1 bushel peas and 1 bushel of oats to the acre. They also do well when sown in November with either wheat, rye, oats or barley. Per bu., \$1.90.

EXTRA EARLY BLACK EYE—A smaller, but the earliest strain of the well-known Black Eye Pea. Medium size; very productive; good flavor, and especially valuable for market, owing to its extreme earliness. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.40; bu., \$5.00.

EARLY RAM'S HORN—A large second early Black Eye Pea, coming in between the extra early and the large Black Eye. Mostly used as a table pea while green. Qt., 20 cts.; pk., 90 cts.; bu., \$3.25.

LARGE BLACK EYE—The well-known standard variety, good either green or dry. For table purposes. Qt., 15 cts.; pk., 85 cts.; bu., \$3.00.

BLACK PEAS—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. Qt., 15 cts.; pk., 75 cts.; bu., about \$2.75.

NEW ERA COW PEAS—An extra early cow pea. Makes a very heavy growth of vine and is very prolific of peas, which are speckled and very small, and on this account it does not require near as many seed to an acre. One bushel or even less is sufficient. Qt., 15 cts.; bu., about \$2.75.

WONDERFUL, OR UNKNOWN—Of late maturity, but produces a very large, heavy yield of vines and bountiful supply of peas. Plant in May or June. Qt., 15 cts.; pk., 75 cts.; bu., about \$2.75.

WHIPPOORWILL—Very early, brown speckled peas; vines grow in bunches instead of runners. Qt., 15 cts.; pk., 75 cts.; bu., about \$2.75.

CLAY—Resembles the Black Pea, in growth, but not as early. Heavy vines; prolific yielder of peas. Qt., 15 cts.; pk., 75 cts.; bu., about \$2.75.

MIXED COW PEAS—We offer a choice mixture of the principal varieties, which some farmers think produces a thicker and better crop than any single variety. Pk., 70 cts.; bu., about \$2.60.

COW PEAS MIXED WITH SOJA BEANS—The advantage of sowing Cow Peas with Soja Beans for hay is that the strong stiff stalks of the Beans hold up the peas so that they can be cut better and they cure better and make better and more hay than peas grown alone. Bu., about \$2.30.

CHESTERFIELD COUNTY, VA., February 15, 1912.

The Kaffir Corn I bought of you last year did splendid. I sowed it on low land in May and commenced using it green the first of August. Some of it grew to 6 to 8 feet before it headed. It was the best in this section. If the season had been favorable I would have made an enormous yield. It makes an excellent feed for cows.

M. L. WHITLOCK.

HANOVER COUNTY, VA., May 11th.

I have found that Diggs & Beadles are the people who deal square.

H. B. SMITH, JR.

GLOUCESTER COUNTY, VA., March 24th.

Enclosed find my check. I am very much pleased with the Seed just received.

B. F. LINDSAY, SR.

ALBEMARLE COUNTY, VA., June 1st.

I am very much pleased with the Seeds I ordered of you.

G. W. SELLERS.

KING WILLIAM COUNTY, VA., May 4th.

All of the Seeds I have bought of you have come up nicely.

MRS. J. E. TRICE.

WHITE NAVY BEANS.

A very profitable market crop and a good table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; 1 to 2 pecks to the acre. Height 12 inches. Qt., 15 cts.; pk., 80 cts.; bu., about \$2.75.

SORGHUMS, MILLETS AND FODDER PLANTS.

KAFFIR CORN—A popular forage crop. Heavy growth; very nutritious; grain makes a particularly valuable feed for stock and poultry. Especially good for sowing with cow peas. Lb., 10 cts.; pk., 40 cts.; bu., \$1.25. Special prices in large lots.

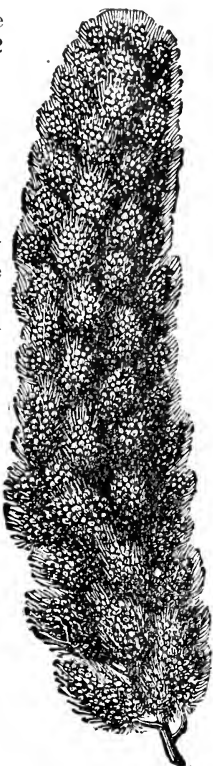


KAFFIR CORN.

YELLOW MILO MAIZE—Largely used for feeding to cattle green; can be cut and fed green when 3 or 4 feet high, and will continue to grow out and can be cut until frost. Sow in May or June; 5 pounds to the acre in drills. Per lb., 10 cts.; 10 lbs. or over, at 7 cts.; 100 lbs., \$5.00.

GERMAN OR GOLDEN MILLET—This grass, if sown thickly, produces an enormous quantity of good feed. Sow from May to July; 1 bushel to the acre. Price, about \$1.75 bu.

PEARL OR CATTAIL MILLET—This variety gives an enormous yield of very valuable forage. Plants grow 12 feet high, but may be cut at 3 feet, when it will thicken up, and may then be cut continuously until frost, giving abundant supply of rich green food; also valuable as a dry hay. Sow in drills, 5 pounds to the acre, or if broadcast, 25 pounds. Pkt., 5 cts.; lb., 10 cts.; 10 lb., and over at 8 cts.; 100 lbs., \$7.00.



GERMAN MILLET

JAPANESE BUCKWHEAT.

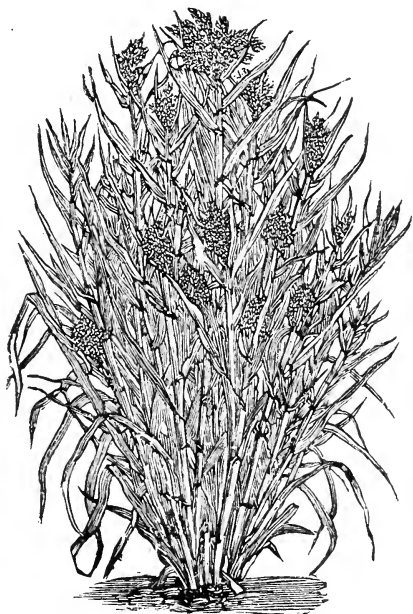
This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds. Splendid for poultry. Sow 1 bushel to the acre in June, July or August. Pk., 40 cts.; bu., about \$1.20.

IMPROVED EVERGREEN BROOM CORN—Green color; grows long, straight, and brings highest market price for making brooms. The best variety. Sow in 3-foot drills and thin plants to 3 inches. Sow 5 pounds to the acre. Pkt., 5 cts.; lb., 10 cts.; bu., about \$2.00.

SUGAR DRIP SORGHUM—This is decidedly the best variety for syrup, also good for fodder, or green feed, lb., 10 cts.; pk., 60 cts.; bu., \$1.75.

EARLY AMBER SORGHUM—Grows 10 or 12 feet high; yields heavy, nutritious forage, either dry or cured; very sweet, making good syrup. Sow broadcast, 1½ bushels to the acre. in drills 1 peck. Price fluctuates. Lb., 10 cts.; pk., 50 cts.; bu., about \$1.60.

EARLY ORANGE SORGHUM—Similar to Early Amber, but yields heavier. Price fluctuates. Lb., 10 cts.; pk., 50 cts.; bu., about \$1.60.



TEOSINTE.

TEOSINTE—This is a valuable fodder plant, resembling corn, but with larger leaves and sweeter stalks. Much relished by stock either green or as dry fodder. Yields enormous crops, and may be cut five or six times a year. Stalks 10 or 12 feet high. Drill in May or June, 3 lbs. to the acre. Per oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

VETCHES.

SPRING VETCH—Better for spring sowing than the Winter Vetch. A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 50 pounds to the acre. Per lb., 7 cts.; 25 lbs. and over, at 6 cts. per 100 lbs., \$5.00.

HAIRY SAND, OR WINTER VETCH—Sow from July to November, preferably with grain, which will hold Vetch off the ground. Sow 40 pounds to the acre. Per lb., 10 cts.; 100 lbs. and over, at \$8.00.

GIANT BEGGAR WEED—A good forage plant, particularly adapted to the South on thin, sandy soil. Makes a vigorous growth from 2 to 5 ft. high, and is good for forage or as a soil improver. Lb., 40 cts.; 5 lbs., at 38 cts.



PEANUTS

valuable crop, and those who raise hogs cannot afford to be without it. Pk., 40 cts.; bu., \$1.25; Special prices in large quantities.

MAMMOTH RUSSIAN SUNFLOWER.

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive and can be raised cheaper than corn, as any waste piece of ground will suffice. It is a good egg producing food. Per lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs. and over, at 7 cts. per lb.

DWARF ESSEX RAPE.

Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and ready in eight weeks after sowing. Sow 8 lbs. to the acre broadcast; 4 lbs. if drilled. Per lb., 10 cts.; 10 lbs. and over, at 8 cts.; 25 lbs., at 7 cts. lb., 100 lbs., \$6.00.

PEANUTS.

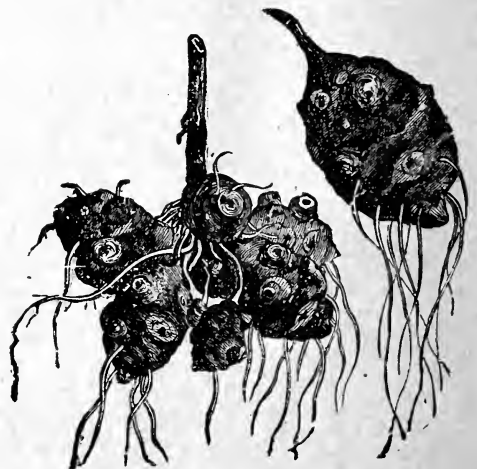
Plant in May, 12 inches apart, in 3-foot drills. Cultivate flat, keep well worked. Peanuts should be shelled before planting.

SPANISH—Nuts small, and have a thin hull, full kernel, and yield enormously. The vines and roots make excellent feed for stock. Qt., 15 cts.; by mail, 25 cts.; pk., 60 cts.; bu., \$2.00. Shelled—qt., 30 cts.; pk., \$1.85; bu., \$7.00.

VIRGINIA—The large variety. Qt., 15 cts.; by mail, 25 cts.; pk., 50 cts.; bu., \$2.00.

JERUSALEM ARTICHOKE.

Artichokes are grown only from tubers, like potatoes. They are very prolific and make excellent hog feed; claimed to be very healthy for stock, and said to be a preventive of cholera. The tops cut and cured like fodder make excellent forage; we consider it a most



ARTICHOKE



SPRING VETCHES.



We have endeavored to make our list of Flower Seeds as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit. Flower Seeds priced at 5 cents per packet are 6 packets for 25 cents; or 25 packets, your own selection, for \$1.00; 10 cent packets are 3 for 25 cents; or 13 for \$1.00. The letter "A" after the name of the flower indicates that the flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a Perennial and comes up and blossoms for several years after sowing. For climbing vines and flowers see page 56.

ACROCLINIUM—Everlasting (A).

A very pretty, half hardy annual, producing white and rose colored double daisy-like flowers, about 1½ inches in diameter. These are the "Immortelles," so desirable for wreaths and winter bouquets. Height, 15 inches.

Mixed Colors—Pkt., 5 cts.; oz., 25 cts.

AGERATUM (A).

A beautiful hardy annual. The flowers are borne in dense clusters and are very useful for bouquets. The plants are very attractive in the garden, being covered with bloom nearly all summer.

Mixed Colors—Pkt., 5 cts.

ALYSSUM (A).

A hardy annual which begins to flower when very young, and is literally covered almost all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming.

Little Gem—This is the prettiest variety, being so dwarf and full of bloom that it has been aptly named "The Carpet of Snow." Four inches high. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., \$1.00.

Sweet—The old garden favorite familiar to all. Being of trailing habit, it is better than the Little Gem for rockeries or window boxes. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.



VICTORIA MIXED ASTERS

STERLINGWORTH PLANT TABLETS

A NEW INVIGORATOR FOR HOUSE PLANTS AND VEGETABLES

STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically, and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure," and "bone plant foods," which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient 35 plants 8 months, 50c postpaid medium, (100 tablets) sufficient for 35 plants 3 months, 25c postpaid; trial size, 10c.

STERLING CHEMICAL CO. CAMBRIDGE MASS.

AMARANTHUS (A).

These plants afford brilliant contrasts of color, being useful for tall borders and groups, also where foliage effects are desired. The leaves and stems are of different shades of red, blended with green; two to three feet high.

Caudatus (Love Lies Bleeding)—Light yellowish-green foliage; long, drooping, crimson flower spikes. Pkt., 5 cts.

Tricolor (Joseph's Coat)—A hardy annual with leaves of red, yellow and green; especially brilliant if grown in rather poor soil. Pkt., 5 cts.

ANTIRRHINUM—Snapdragon (A).

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good garden soil. Mixed. Pkt., 5 cts.; oz., 25 cts.

ASTERS (A).

These well-known beautiful and popular annuals are very desirable for bedding, being in bloom when most other plants are over. Very useful for cut flowers and bouquets.

Victoria Mixed—Beautiful and popular annual, desirable for beddings, being in bloom when most other plants are over. Very useful for cut flowers and baskets. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.



**DWARF CHRYSANTHEMUM
FLOWERED ASTERS**

Dwarf Chrysanthemum Flowered—One of the best Dwarf varieties. Of a great assortment of rich colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

German Quilled (China Aster)—The familiar double Aster with quilled petals. Exceedingly showy and excellent for cutting for vase decorations. The large, brilliant, daisy-like flowers with yellow centers are produced in profusion. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.40.

Comet Mixed—A carefully proportioned mixture of various colors. The petals of which are very long and recurved, having the effect of the finest Chrysanthemums. They are varied and beautiful colors and one of the most popular sorts. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

BALSAM—Touch-Me-Not (A).

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double, in bright colors and variations; are wax-like and very attractive. No flower is more easily cultivated, and it succeeds in most any good soil.

White—Pkt., 5 cts.

Double Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.

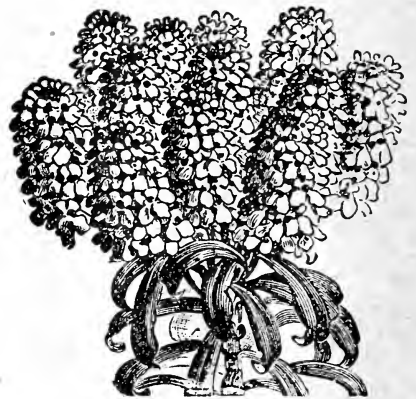
BACHELOR'S BUTTONS—Globe Amaranth (A).

A well known and popular everlasting flower which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

Mixed—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.



SWEET ALYSSUM



CANDYTUFT



MIXED BALSAM

CALENDULA—Pot Marigold (A).

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. It is of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.

CARNATIONS (P).

These well known flowers are easily grown from seed, and very free blooming, the flowers being bright colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or for winter flowering.

Marguerite—An extra vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. They are highly fragrant, and have beautiful double flowers. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.25.

Double Mixed—A mixture of all colors and types. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

CANDYTUFT (A).

Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture. **White**—Pkt., 5 cts. **Crimson**—Pkt., 5 cts.

Fancy Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

**DOUBLE CARNATION****BACHELOR BUTTONS****CALLIOPSIS OR COREOPSIS (A).**

Beautiful showy summer bedding annuals with large bright flowers of golden yellow, varied with rich brown. Excellent for cutting and decorations.

Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

Lanceolata—A very hardy perennial, blooming the first year and producing on very large stems a constant succession of rich, bright yellow flowers about 3 inches in diameter; exceedingly valuable for decorative purposes. Pkt., 5 cts.; oz., 25 cts.

CANTERBURY BELLS—Campanula, Cup and Saucer (A).

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large, bell-shaped flowers which are strikingly effective; colors white, and various shades of violet, rose, lilac and blue. Height, 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Pkt., 5 cts.; $\frac{1}{4}$ oz., 20 cts.; oz., 75 cts.

CANNA (P).

Stately, ornamental plants, producing clusters of large flowers of the most intense, varied and brilliant colors. Very desirable for greenhouse or bedding outdoors. Plant the seed in February, first soaking them for a day in hot water. In August the plants will come into bloom and continue to flower very freely until cut down by frost. Store roots in cellar in winter.

Tall Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Crozy's Dwarf Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Canna Roots, Assorted Colors—\$1.00 per doz.

CELOSIA—Cock's Comb (A).

A half hardy annual, growing 6 to 8 inches high, bearing a wide wavy blossom that resembles a Cock's Comb. Fine for massing or border work. Pkt., 5 cts.; oz., 75 cts.

CENTAUREA, GYMNOCARPA—Dusty Miller (A).

Valuable because of its silvery foliage, and graceful drooping habit of growth. Half hardy perennial; one-half to two feet high. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.

**CELOSIA OR COCK'S COMB**

CHRYSANTHEMUM (A).

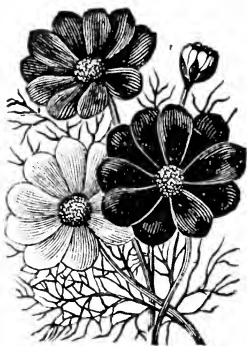
These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.

COLEUS (A).

Probably the best known and most popular of ornamental foliage plants. The leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Mixed—Pkt., 10 cts.; oz., \$1.00.

**MAMMOTH COSMOS**

These well known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Mammoth Mixed—The flowers are double the size of the old, large flowering Cosmos, measuring from 3 to 4 inches across. The petals are large, overlapping, forming perfectly round flowers, deeply ribbed and of good substance. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50.

Mixed—A mixture of the old standard sorts. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

COSMOS (A).**DAHLIA (A).**

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring.

Double Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

Single Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.

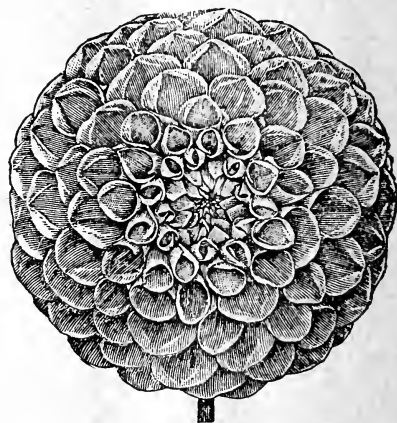
Dahlia Roots, Assorted Colors Mixed—\$1.00 per doz.

DAISY (P).

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give at least 80 per cent. of double flowers that are as large as any of the named sorts that are propagated by the division of the roots and are sold at high prices. The

plants bloom well in the greenhouse and are splendid for early spring and summer

flowering when planted in a slightly shaded situation. Tender perennials, about 6 inches high. Pkt., 10 cts.; oz., 75 cts.

**DIANTHUS—CHINENSIS.****DOUBLE DAHLIA****DIGITALIS, OR FOX GLOVE (P.)**

A stately, old-fashioned border plant affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of the plant. Colors, white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool shady locations.

Fine Mixed—Pkt., 5 cts.; oz., 20 cts.

DIANTHUS OR PINKS (P).

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in ease of culture, freedom of bloom

and almost certain satisfactory results, they stand close to the Nasturtium. Hardy biennials blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Chinensis—The familiar old Chinese or Indian Pink, easily grown and very showy. Our mixture contains a large assortment of varieties. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

Plumarius—The old-fashioned garden favorite. All the single flowered varieties in one mixture. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.



DIANTHUS PLUMARIUS

ESCHOLTZIA—California Poppy (A).

The beautiful State flower of California. It blooms almost continuously throughout the season. A bed of these in full bloom gives a brilliant color effect. The foliage is finely cut and has a bluish tinge, delicate and very attractive. They are of the easiest culture. Can be sown in any soil, but the better the soil the larger the plants and blossoms. It is best to sow the seed in the garden where the plants are to remain, as they do not transplant easily. Pkt., 5 cts.; oz., 20 cts.



ESCHOLTZIA—CALIFORNIA POPPY.

excellent for cutting. Pkt., 5 cts.; oz., 25 cts.

FORGET-ME-NOT—Myosotis. (P)

The favorite old border plant that succeeds best in moist situations. It comes into blooming early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt., 5 cts.; oz., 25 cts.

FOUR O'CLOCK—Marvel of Peru (A).

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

GAILLARDIA (A).

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Grandiflora Mixed—Single perennial variety of varying shades of reddish brown, scarlet and orange. The largest of these species,

HELIOTROPE (P).

The delicately tinted and fragrant blossoms of this beloved little flower are so well known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots, plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.

Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

HOLLYHOCK (P).

Entirely different and more beautiful than the plant of twelve years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. For a background to a flower garden nothing is better. Height 5 feet. Tie to stakes if the stalks show a disposition to fall. The double varieties are the most desirable.

Double Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.40.

LARKSPUR (A).

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red show splendidly, and for large gardens is invaluable. Height 12 inches.

Double Dwarf Varieties Mixed—Pkt., 5 cts.; oz., 40 cts.

LOBELIA (A).

Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water they may be kept in flower all summer.

Emperor William—A very fine, compact variety with intensely dark blue flowers. Pkt., 5 cts.

White Lady—Dwarf Pure White Flowers. Pkt., 5 cts.

LOVE-IN-A-MIST—Nigella (A).

A hardy annual one-foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Pkt., 10 cts.

MARIGOLD (A).

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

African—The best tall variety with large, double blossoms. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

Dwarf French, Double Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

MIGNONETTE (A).

This popular little flower is well known as one of our most fragrant plants, and an universal favorite. If sown, at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Machet—A compact-growing variety, with medium long, thick spikes of yellow flowers. Pkt., 5 cts.; oz., 30 cts.

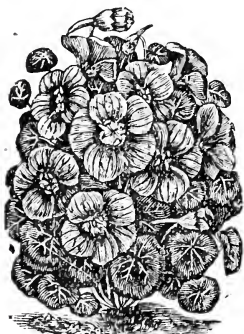
Golden Queen—Very fragrant, with golden yellow flowers. Pkt., 5 cts.; oz., 25 cts.

Sweet—This is the familiar old variety. It has spikes of medium size so fragrant that a bed will perfume the whole atmosphere around it, and every garden should have a corner or bed devoted to it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

NASTURTIUM (A).**SWEET MIGNONETTE.**

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil flowers are produced in abundance throughout the season. Nasturtiums prefer dry, rather rocky, soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Tall Variegated Leaved Mixed—Every leaf is variegated with yellow, white and green. Some of the leaves are one-half to two thirds white and yellow, while others are mostly green, but beautifully striped and blotched. This gives a new and very handsome appearance to the plant. The flowers are of all colors. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 50 cts.

**DWARF NASTURTIUM****Dwarf Varieties Mixed—**

This mixture contains all of the choicest and prettiest flowers of the Dwarf variety. The plants form a small, round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

Tall Varieties Mixed—

This mixture contains all of the choicest and prettiest flowers of the tall variety, are

**TALL MIXED NASTURTIUM.**

of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

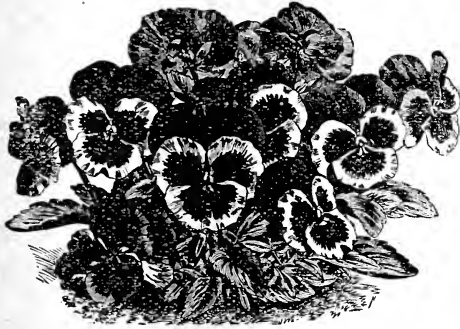
PANSY (P).

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring.

D. & B.'S Superb Pansy Mixture—This is a mixture of all the giant flowering varieties, all the plain colors, faced sorts, ruffled edged and rare sorts, also the varieties exquisitely striped. The seed is saved from the most famous pansy gardens, from exhibition flowers. These pansies are wonderfully beautiful in every way and the very best there are. The small difference in the cost of this seed over the other seed is covered one hundred-fold in satisfactory results to the grower. Pkt., **25 cts.**

Giant Trimardeau Mixed—The largest flowering type of Pansy called the French strain. The top petals are larger than the three lower ones and are beautifully marked. The plants are of vigorous, compact growth, with immense, three-blotched flowers. Pkt., **10 cts.**; oz., **\$1.00.**

Finest English Prize Mixed—This mixture is of magnificent varieties, containing the so-called faced varieties, and is in every respect equal to the higher priced named Pansies. Pkt., **10 cts.**; oz., **75 cts.**; $\frac{1}{4}$ lb., **\$2.50.**

**D. & B.'S SUPERB PANSIES.****ENGLISH PRIZE PANSIES**

Fine Large Flowering Mixed Pansy—This seed is saved from very good garden varieties, the flowers are small in comparison with the fine sorts, but the colors are good. Pkt., **5 cts.**; oz., **50 cts.**; $\frac{1}{4}$ lb., **\$1.50.**

PETUNIA (A).

There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly

where the plants are to remain, or for early blooming sow in the house in boxes.

Single Mixed—Pkt., **5 cts.**; oz., **30 cts.**; $\frac{1}{4}$ lb., **75 cts.**

POPPY (A).

Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart.

Orientele—A large gorgeous scarlet blossom; base of petals black. One of the most striking and showy of the garden perennials. Pkt., **10 cts.**; oz., **75 cts.**

Shirley—These beautiful Poppies are very free-flowering and remarkably brilliant colors, from pale rose to deep crimson. Many of the flowers have crimped or wavy petals, all are of fine silky texture, but of good substance, and not surpassed by any for cutting. Pkt., **5 cts.**; oz., **30 cts.**; $\frac{1}{4}$ lb., **75 cts.**

Carnation Flowered—Large showy, double flowers of magnificent colors. Pkt., **5 cts.**; oz., **20 cts.**

Single Mixed—All the fancy and named single varieties mixed. Pkt., **5 cts.**; oz., **25 cts.**

Double Mixed—All the fancy and named double varieties mixed. Pkt., **5 cts.**; oz., **25 cts.**

**DOUBLE MIXED POPPY.****SEEDS IN QUANTITY**

Market Gardens and Public Institutions buying Vegetable Seeds in large quantities are requested to send us a list of their requirements and we will take pleasure in quoting special prices. In writing us, please be sure to state quantities wanted.

PORTULACA (A.)

Low-growing or creeping, tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground.

Single Mixed—This is an extra fine strain with very large blossoms and splendid colors. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Choice Double Mixed—From 50 to 60 per cent, of the flowers will come double. These are especially beautiful and showy. Pkt., 10 cts.; $\frac{1}{2}$ oz., 75 cts.; oz., \$1.40.

PHLOX DRUMMONDII (A.)

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

Grandiflora Large Flowering—A great improvement on the common type, both heads and florets being nearly twice as large. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Extra Choice Mixed—This mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.



PHLOX GRANDIFLORA MIXED.

PRIMROSE (A.)

Green-house or pot plants, bearing trusses of large single or double blossoms in bright colors, as well as soft tints. Sow the seed in April or May for winter blooming.

Large Flowering Hybrids—The choicest varieties mixed. Pkt., 15 cts.

RICINUS—Castor Oil Plant (A.)

Luxuriant rapid-growing annuals with palm-like leaves. Excellent for background or center of beds of foliage plants, the effect being especially striking after the brilliantly colored fruit is formed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SALVIA SPLENDENS—Scarlet Sage (A.)

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

Bonfire—One of the finest for bedding, compact growth, oval bushes $2\frac{1}{2}$ feet high with long spikes of brilliant scarlet flowers; the spikes stand stiff and erect, over 200 on a bush is not unusual and the spikes bear from 20 to 30 flowers each. Pkt., 15 cts.; $\frac{1}{4}$ oz., 65 cts.; oz., \$2.00.

Snap Dragon—See Antirrhinum.

SENSITIVE PLANT (Mimosa) (A.)

Curious and interesting little plants with pinkish white flowers. The leaves close and droop when touched. Pkt., 5 cts.

SCABIOSA (Mourning Bride or Sweet Scabious) (A.)

Have perfectly double flowers, are useful for cutting, they are gracefully borne upon long tender stems well above the foliage and makes a beautiful cut-flower, height 2 feet. Pkt., 5 cts.

STOCKS, DWARF GERMAN—Ten Weeks (A.)

Desirable for bedding or pot culture. They bear an immense quantity of fragrant blooms, each plant forming a perfect bouquet, and are splendid for cutting. Pkt., 5 cts.; oz., 75 cts.

WILD FLOWER GARDEN MIXTURE

A splendid mixture of free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely arranged flower beds will find the "Wild Flower Garden" a delightful substitute, with its constant and every-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clear of weeds.

Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

BEFORE SENDING IN YOUR ORDER

READ CAREFULLY—"Important notes and suggestions" on page 2.

SWEET PEAS (A).

D. & B.'S Superb Mixed—This is the best possible mixture that can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering named varieties of every shade and color. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and cannot be surpassed at any price. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

Sweet Peas in Separate Colors—We offer the following, all of which are selected from the finest named varieties and the choicest of its kind. Pure white, pink, red, variegated and blue. Pkt., 5 cts.; $\frac{1}{2}$ oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.25.

SWEET WILLIAM (P).

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders.

Single Varieties Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Double Varieties Mixed—Pkt., 5 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.40.

VERBENA (P).

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in house, or out of doors in April.

Mammoth Flowered Mixed—This strain produces blooms of the largest size and most brilliant colors. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50 cts.

MAMMOTH MIXED
VERBENA.

of various shades of yellow, brown and reddish brown. An old-fashioned flower which is always popular. Sow early in the year in boxes and transplant.

Single Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Double Mixed Colors—Pkt., 15 cts.; oz., \$1.50.

ZINNIA (A).

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Tall Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Dwarf Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



D. & B.'S SUPERB MIXED SWEET PEAS.

Mixed Colors—The individual flowers are most perfect and the plants remarkably vigorous. A splendid mixture from named sorts, comprising nice, beautiful colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.

VIOLETS (P).

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms.

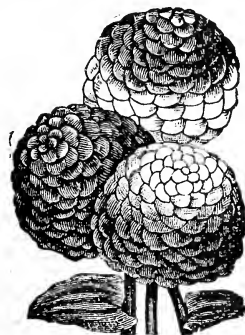
Blue—Pkt., 10 cts.; oz., 90 cts.

White—Pkt., 10 cts.; oz., 90 cts.

Mixed—Pkt., 10 cts.; oz., 90 cts.

WALLFLOWER (P).

This is a fine bedding plant, but it is more often grown as a pot plant and for this purpose is well adapted. The flowers are very fragrant and usually



DOUBLE ZINNIA

General List of Vines or Climbers

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

AMPELOPSIS VEITCHII—Boston Ivy (P).

The popular Ivy which covers so many buildings. It clings to brick and wood without support. It is a rapid grower, with beautiful star-shaped foliage of light and dark green, changing with the seasons. Pkt., 5 cts.

BALSAM PEAR (A).

A very desirable climber, bearing large, prickly, pear-shaped yellow fruit, the flesh of which when kept in whiskey or alcohol is said to make a most effective pain-killer and healer of cuts, bruises, etc. Height, 10 feet. Pkt., 5 cts.; oz., 20 cts.

BALSAM APPLE (A).

There is little difference between this and the Balsam Pear, except in the shape of the fruit. Pkt., 5 cts.; oz., 20 cts.

BALLOON VINE—Love-in-a-Puff (A).

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

CLEMATIS HYBRIDA. Large Flowering Mixed (A).

A beautiful climber with many colored flowers. Soak the seed for 24 hours or more before sowing them. Pkt., 10 cts.; oz., 70 cts.

CYPRESS VINE (A).

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white which contrast most effectively with the graceful foliage. Height about 15 feet.

Mixed Varieties—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 70 cts.

COBEA SCANDENS (A).

This is one of the best climbers of rapid growth, with fine foliage and large bell-shaped flowers of a beautiful violet hue. Pkt., 10 cts.; oz., 70 cts.

DOLICHOS OR HYACINTH BEAN (A).

A tender, climbing annual. Grows rapidly and is splendid for covering a trellis. Flowers in purple or white; are borne on long stems, the individual blossoms resembling the bean flower, and the ornamental pods resemble bean pods. Sow seed in open ground late in April. Pkt., 5 cts.; oz., 15 cts.

GOURDS (A).

Climbers of rapid growth, which are well fitted for covering fences, arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Grows from 10 to 20 feet high.

Nest Egg—In size, color and shape like a hen's egg. Vines make good screens. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

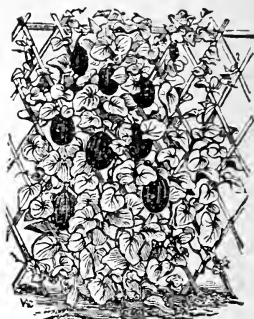
Dipper—The handles grow curved if on ground; straight if vines run on a frame. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Sugar Trough—This grows very large and thick with hard shells, sometimes holding from 3 to 5 gallons. They are light but durable. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Hercules Club—A large, long Gourd; resembles a baseball bat or club, hence its name. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Orange Shaped, Pear Shaped, and Apple Shaped—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Ornamental Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.



BALSAM PEAR.



NEST EGG GOURDS

HUMULUS JAPONICUS—Japanese Hop Vine (A).

A rapid growing, hardly climbing annual with dense, bright green foliage. Will grow 20 to 30 feet high in a season, and is very valuable for covering a trellis or unsightly objects and for shading verandas. Pkt., 5 cts.; oz., 25 cts.

MORNING GLORY (A).

No climber is more popular than is the Morning Glory for covering trellises or unsightly back fences. They grow 15 feet high and bear very abundantly brilliant flowers of various colors. Soak the seed for two hours in warm water to hasten the germination. Of easy culture.

Mixed Varieties—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

Imperial Japanese Morning Glory—These are much the handsomest flowers in Morning Glories, of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, also marble, striped and slashed sorts. The vine is not quite so vigorous a climber as the old-fashioned Morning Glory. Pkt., 10 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

MOON FLOWER OR EVENING GLORY (A).

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting it is best to file a small hole in one end through the outer hull and soak for thirty-six hours in warm water to hasten germination. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

SCARLET RUNNERS (A).

A well-known and old-fashioned climber, having bright scarlet, pea-like flowers. It not only holds its place as a flower, but the pods when young are of fine quality for cooking. Pkt., 10 cts.; $\frac{1}{4}$ lb., 15 cts.

VELVET BEAN (A).

A quick growing vine with beautiful large green leaves, and large clusters of purple flowers and makes a dense foliage. This is probably the largest quick growing vine, will easily grow 20 feet in a season, excellent for covering old fences, trillises, etc. Large pkt., 10 cts.

WILD CUCUMBER VINE (A).

Very rapid growing and free flowering. The vines attain a great height, they begin to bloom early and by midsummer are covered with large sprays or pannicles of small white flowers. Pkt., 5 cts.; oz., 25 cts.

Bulbs

CANNA ROOTS—Very bright and attractive flowers for summer and fall; mixed or in separate colors, 10 cts. each; by mail, 15 cts. each; \$1.00 dozen, by mail, \$1.25.

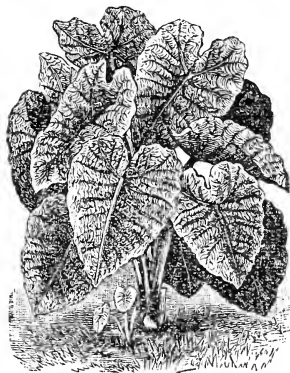
CALADIUM — ESCULENTUM (Elephant's Ears)—Is very popular as an ornamental plant for lawns. Leaves attain an immense size; water freely. Medium size bulbs, 10 cts. each; by mail, 25 cts. each; per doz., by express, \$1.00. Mammoth bulbs, 15 cts.; by mail, 30 cts.; per doz., by express, \$1.50.



PEARL TUBEROSE.

MADEIRA VINE
ROOTS—This vine will grow 20 feet or more in a season, making a beautiful screen and thick shade. 5 cts. each; by mail, 8 cts.; doz., 25 cts.; by mail, 35 cts.

EXCELSIOR PEARL TUBEROSE—Short and robust plants, bearing immense spikes of double flowers; very fragrant; extra large bulbs. 2 for 5 cts.; by mail, 2 for 10 cts.; doz., 20 cts.; by mail, 30 cts.; per 100, \$1.25; by express.

ELEPHANT'S EAR PLANT.
(CALADIUM ESCULENTUM)

GLADIOLAS, Large Size—Very showy and popular summer flowers, of bell shape, of various colors, growing on a stalk about 3 feet high. Mixed colors, per doz., 20 cts.; per 100, \$1.50.

DAHLIA ROOTS.

We furnish these separate or in mixed colors, as may be desired. Separate colors, each, 15 cts.; by mail, 20 cts.; per doz., by express, \$1.50.

Mixed Colors—\$1.00 doz.



DAHLIA

Poultry Foods and Supplies

GLOBE POULTRY FOOD—This is scientifically prepared by practical poultry experts to meet all the demands of growing and full-grown fowls.

Only materials that grade in every respect up to our high standard are used—carefully selected cracked and whole grains and seeds, sunflower, oil cake, buckwheat and charcoal, sifted and re-cleaned until they are entirely free from dust and chaff. Globe Scratch Feed is a complete and balanced ration for grown fowls in all seasons. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.10; 100 lbs., \$2.10; 500 lbs., at \$2.00 per 100 lbs.

We also offer this Food without grit or shells in it at \$2.20 per 100 lbs., 500 lbs. at \$2.10 per 100 lbs.

COLONIAL DEVELOPMENT FOOD—Has the same ingredients as the Globe Poultry Food, except it is ground finer

for chickens from 4 weeks old and up. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.15; 100 lbs., \$2.20.

CRESCENT CHICK FOOD—A complete grain feed for chicks up to 8 weeks old. It is a standard mixture of re-cleaned cracked grains and seed, hulled oats, fine granulated bone and fine charcoal. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the Colonial or Globe Scratch Feed. A trial will demonstrate its feeding value. 8 lbs., 25 cts.; 25 lbs., 70 cts.; 50 lbs., \$1.25; 100 lbs., \$2.35; 500 lbs., at \$2.25.

AMELIA Co., VA., May 12, 1913.

A few weeks ago I got from you 8 lbs. of your Crescent Chick Food, which has proven to be far superior to any Feed I have ever used. The chicks I started from the first with this Food only, have been far healthier and grow better than any I have ever had. Please ship me at once 25 lbs., and oblige.

Yours respectfully,

Mrs. T. B. ROGERS.

NORTHAMPTON COUNTY, VA., August 5, 1912.

Please send me as soon as possible 100 lbs. of your Crescent Chick Food and 100 lbs. of Globe Poultry Food, No Grit. I am out of this Food and my fowls do not thrive as well on any other Foods.

R. O. NOTTINGHAM.

QUEEN POULTRY MASH—A selected mixture of ground feeds, manufactured from the choicest sound, sweet and wholesome grains. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl.

It is a splendid bone builder and especially helpful during the molt. Also contains beef scraps and charcoal, recognized necessities for health and egg production.

This mixture is especially formulated to meet the demands for a high grade mash feed, and is suitable for either the morning, noon or evening meal, whichever method preferred.

Mix with warm water during cold weather, and feed damp and crumbly. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.10; 100 lbs., \$2.10.

KING PIGEON FOOD—Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier—the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting—finds in King Pigeon Feed a combination suited to his needs.

The seeds are especially chosen for pigeon feeding. Only those that have proven to be best adapted for this particular purpose are used. These include various grains, cracked and whole, peas and seeds, all clean, well matured, and always of a size so that the birds, young or old, are able to use every particle of it. 7 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.30; 100 lbs., \$2.50; without grit or shells per 100 lbs., \$2.60; 500 lbs., at 10c per 100 less.

ALFALFA MEAL—This is Alfalfa Clover, cured green and cut fine for poultry. To be fed in a mash, can be used alone or mixed with other mash food. It is an excellent substitute for green grass. 10 lbs., 25 cts.; 25 lbs., 50 cts.; 50 lbs., \$1.00; 100 lbs., \$1.75; 500 lbs. at \$1.65.



For Parcels Post Rate See Back Cover Page.

POULTRY FOODS—Continued

STEEL CUT OATS—These are hulled Oats cut fine. Excellent feed for baby chicks. 10 lbs., 30 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60.

RAVA MEAT MEAL—A pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. Its thorough dryness and the entire absence of any taint or unpleasant odor make it a most excellent form of food for chickens and other fowls, as also for dogs. It is excellent for hopper feeding and may be mixed and fed in a mash to great advantage. It contains 85 per cent. protein and 7 per cent. fat, and is clean and free of all preservatives and chemicals. Per lb., 5 cts.; 10 lbs., 45 cts.; 25 lbs., \$1.00; 50 lbs., \$1.85; 100 lbs., \$3.50.

PURE BEEF SCRAPS—An excellent egg making winter feed for fowls. 5 lbs., 25 cts.; 25 lbs., 90 cts.; 50 lbs., \$1.60; 100 lbs., \$3.00; 500 lbs. at \$2.90.

CRUSHED OR GRANULATED BONE—Splendid to be used in connection with other feeds to increase egg production; to be fed dry just as it is either in a hopper or to be scattered about as a scratch food. It is clean and dry, and will not sour. No. 2 for grown fowls; No. 3 for chicks, and pigeons; No. 4 or Bone Meal for baby chicks. 6 lbs. for 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60.

CRUSHED OYSTER SHELLS—Indispensable for successful poultry keeping, as it aids digestion and the formation of egg shells. It is best to have it where the fowls can get at it all the time, as they will not eat any more than they need. In ordering please state whether the "fine" size is wanted for chicks and pigeons or the "regular" size for grown fowls. 6 lbs., 10 cts.; 25 lbs., 25 cts.; 100 lbs., 55 cts.; ton, \$8.50.

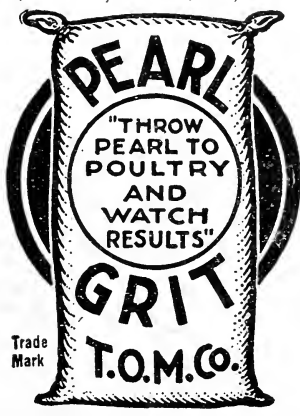
PEARL POULTRY GRIT—Manufactured especially for poultry. It is essential in the poultry yard, to keep fowls in a healthy condition. Size No. 1 for grown fowls; No. 2 for chickens and pigeons. 10 lbs., 15 cts.; 25 lbs., 30 cts.; 100 lbs., 60 cts.; ton, \$10.00.

D. & B.'S CHARCOAL—We have had this charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and it is the best poultry charcoal manufactured.

"D. & B.'s" Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For Chicks. Medium: For half-grown Fowls and Pigeons. Coarse: For full-grown Fowls. Prices—2 pound cartons, printed with directions for feeding, 10 cts. each; 10 lbs., 40 cts.; 50 lb. sacks, \$1.00 each.

POULTRY MUSTARD—Prepared for poultry use, especially recommended for use during moulting seasons; keeps fowls in a healthy condition and increases the egg production. 1½ lb. pkg., 40 cts.; (P. P. 2 lbs.); 3 lb. pkg., 75 cts. (P. P. 4 lbs.); 5 lb., pkg. \$1.25, (P. P. 6 lbs.).

BLOOD MEAL—Splendid for poor, weakly fowls, also for calves and hogs, but too rich to feed much at a time. 10 lbs., 25 cts.; 25 lbs., \$1.10; 100 lbs., sacks \$3.75.



STERLINGWORTH SALT CAT—This is a scientific combination of those aromatic and tonic properties contained in such seed and roots as gentian, anise, coriander, etc., combined with sulphur, charcoal, limestone, salt, bone and other materials that are generally recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeons and game fowls; and is unequalled for keeping pigeons in vigorous health. Pigeon keepers who have used it give it an excellent recommendation. Price—Per brick, 10 cts.; (P. P. 17 oz.) per doz., \$1.00 (P. P. 13 lbs.).

KAFFIR CORN—Splendid for growing or grown fowls, and a good feed. 10 lbs., 25 cts.; 100 lbs., \$2.25.

MILLET—Splendid for baby chicks. 10 lbs., 30 cts.; 50 lbs., \$1.40; 100 lbs., \$2.60.

WHEAT—For poultry feeding. Per pk., 35 cts.; bu., \$1.15.

CRACKED CORN—50 lbs., \$1.10; 100 lbs., \$2.00.

COARSE GROUND CORN MEAL—25 lbs., 65 cts.; 50 lbs., \$1.10; 100 lbs., \$2.00.

WHEAT BRAN—100 lbs. sack, \$1.60.

SHIP STUFF—100 lbs. sack, \$1.65.

For Parcels Post Rate See Back Cover Page.

POULTRY FOODS—Continued

SUNFLOWER—Rich food for grown fowls and parrots. 4 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

CANADA FIELD PEAS—A good food for poultry and pigeons. 10 lbs., 40 cts; bu., \$2.00.

HEMP SEED—For pigeons, parrots and poultry. 1 lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

BIRD RAPE—10 cts. lb.; 4 lbs., 25 cts.

MIXED BIRD SEED—10 cts. lb.; 3 lbs., 25 cts.

CANARY SEED—Per lb., 10 cts.; 3 lbs., 25 cts. **CUTTLE FISH BONE**—40 cts. lb.

FLAX SEED—1 lb., 7 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

Buckeye Incubators

We are the authorized agents for the celebrated Buckeye Incubators.

These are hot water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buck Eye Incubators in use today than any other make.

These machines are sold under an absolute guarantee and with good treatment will last for years. They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatchers.

Full descriptive catalogue mailed free on request. If interested be sure and ask for one.

Style A—Double walls throughout; complete, with nursery; 60-egg capacity....

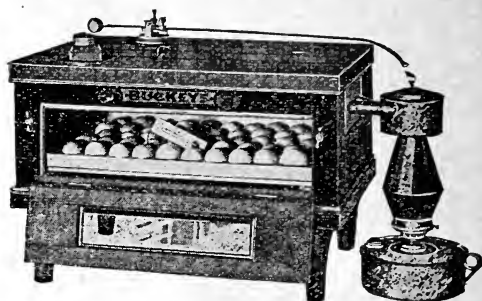
No. "60" (Standard)—Capacity 60 eggs.....

No. 1 (Standard)—Capacity 110 eggs.....

No. 2 (Standard)—Capacity 175 eggs.....

No. 3 (Standard)—Capacity 250 eggs.....

No. 4 (Standard)—Capacity 350 eggs.....



Buckeye Brooders

For extra parts see Buckeye Catalogue.

No. 1—Indoor.....

No. 2—Outdoor.....

No. 3—Indoor.....

No. 4—Outdoor.....

No. 5—Indoor, Lampless system.....

No. 6—Indoor, Lampless system.....

CONKEY'S CURES.

These reliable remedies are well known and are guaranteed to cure when used according to directions. Our rapid increasing sales prove the efficiency of these valuable remedies. Pamphlet mailed free on request.



CONKEY'S CHOLERA CURE—50 cts. per package, postpaid.

CONKEY'S ROUP CURE—25 cts. and 50 cts. per package, postpaid.

CONKEY'S GAPE CURE—50 cts. per package, (P. P. 1 lb., 2 oz.)

CONKEY'S LAYING TONIC—25 cts. per package, (P. P. 2 lbs.)

CONKEY'S LICE POWDER—5 oz. package 10 cts. (P. P. 7 oz.)

CONKEY'S SCALY LEG CURE—50 cts. package. (P. P. 10 oz.)

CONKEY'S CHICKEN POX CURE—50 cts. per package; (P. P. 10 oz.)

CONKEY'S LICE POWDER—5 oz. package 10 cts.; (P. P. 7 oz.); 15 oz. package 25 cts. (P. P. 1 lb., 2 oz.)

CONKEY'S LIQUID LICE KILLER—35 cts. per qt. can.

CONKEY'S WHITE DIARRHOEA REMEDY—50 cts. package, postpaid.

CONKEY'S POULTRY TONIC—25 cts. pkg.; (P. P. 10 oz.)

CONKEY'S LIMBER NECK REMEDY—50 cts. pkg.; (P. P. 11 oz.)



Poultry Appliances

NORWICH AUTOMATIC EXERCISER AND FEEDER.



FEEDER IN OPERATION

We are the State agents and distributors for the Norwich Automatic Exerciser and Feeder.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector, and the feed, passing from the Hopper through the valve, falls at once to the Deflector, and by it is scattered on the ground or floor in a wide, even circle. The Bait Bar (which is the cross piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be delivered. The machine, as will



NORWICH Automatic Feeder

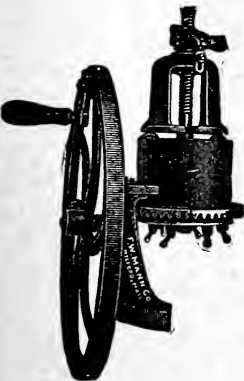
be observed, is mounted on three adjustable legs so it will stand in any yard whether level or located on a hillside, and may be used alike for baby chicks fresh from the incubator or the adult fowl, by simply lengthening or shortening the legs as desired.

- We offer our Norwich Automatic Exerciser and Feeder on the *positive guarantee* that it will—
- 1st. Pay for itself in the actual saving of grain in ninety days, at the present price of grain.
 - 2d. That it is absolutely Rat and Bird proof.
 - 3d. That it is positively Rain and Damp proof, and the enormous loss of grain from feed becoming damp by laying on the ground over night will be eliminated.
 - 4th. That every kernel of grain put in the Hopper will go into your flock and not a grain of it will be lost from any cause. (Fire excepted.)
 - 5th. That the labor of feeding beyond filling the Hoppers when empty (the intervals depending on size of machine used) will be eliminated. "Fill the Hopper and the birds do the rest." On large plants this feature will at once be appreciated, as one boy will do the feeding for 1,000 pens.
- For further information ask for pamphlet.

Actual Shipping Weight.

No. 1— 8-Quart Hopper.....	13 lbs.....	\$2 50
No. 2—14-Quart Hopper.....	15 lbs.....	3 25
No. 3—20-Quart Hopper.....	20 lbs.....	4 00
No. 4—32-Quart Hopper.....	27 lbs.....	5 00

Five or more at one order, 5 per cent. discount.



BONE CUTTER

MANN'S GREEN BONE CUTTER — Unquestionably the best Bone Cutters on the market, and we recommend them with entire confidence.

No. 5 C — With crank handle, **\$6.00.**

No. 5 B — With balance wheel, **\$8.00.**

No. 5 B. M.—With balance wheel, mounted on iron stand, **\$10.40.**

No. 7—The best and most economical size to buy for a yard of 100 hens or more, **\$12.00.** Large sizes quoted on application. Complete pamphlet mailed free.

GALVANIZED IRON DRINKING FOUNTAINS—Has funnel shaped reservoir top with pan at the bottom to hold water. Price: 1 qt., 25 cts.; (P. P. 12 oz.) 2 qt., 30 cts. (P. P. 1 lb.); 4 qt., 40 cts. (P. P. 1 lb., 10 oz.); 8 qt., 50 cts. (P. P. 4 lbs.)

GALVANIZED WALL DRINKING FOUNTAINS—A one piece fountain with handle on top. 2 qt., 30 cts. (P. P. 1½ lbs.); 1 gal., 50 cts. (P. P. 2 lbs.); 2 gal., 75 cts. (P. P. 2½ lbs.)

EARTHENWARE DRINKING FOUNTAINS

—These are two piece fountains with drinking basin at bottom. 1 qt., 20 cts. (P. P. 3 lbs.); 2 qt., 25 cts. (P. P. 4½ lbs.); 4 qt., 35 cts. (P. P. 8¼ lbs.) 8 qt., 50 cts. (P. P. 16½ lbs.)

EARTHENWARE WALL DRINKING FOUNTAINS—This is a one piece fountain with handle on top. 2 qt. size, 30 cts. (P. P. 5 lbs.); 4 qt. size, 50 cts. (P. P. 7¼ lbs.); 8 qt. size, 60 cts. (P. P. 12 lbs.)



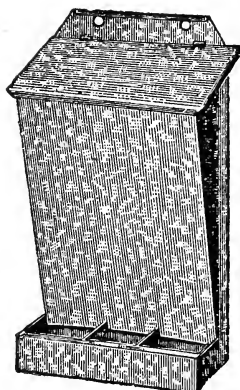
SEXTON'S DRY FOOD HOPPER

SEXTON'S DRY FOOD HOPPERS—With wire screen in front. Mice and rain-proof. 4 qt. size, 75 cts. (P. P. 3½ lbs.); 8 qt. size \$1.00. (P. P. 6 lbs.).

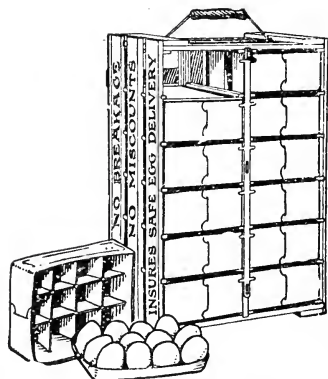
GRIT, SHELL AND CHARCOAL BOXES—3 partitions, 50 cts. (P. P. 2½ lbs.).

2 PARTITIONS DRY FOOD HOPPER, 75 cts. (P. P. 3¼ lbs.).

POULTRY FOOT PUNCHES—35 cts. each, postpaid.



GRIT AND SHELL BOX



FARMERS' EGG CARRIER

Carrier, \$1.75 each. (P. P. 10½ lbs.).

FARMERS' MODERN EGG CARRIERS—A handy and convenient carrier for marketing eggs. Can be carried by hand or shipped by express. Trays hold 1 dozen each. 8-dozen Carrier, \$1.00 each (P. P. 5½ lbs.); 12-dozen Carrier, \$1.25 each (P. P. 7½ lbs.); 18 dozen

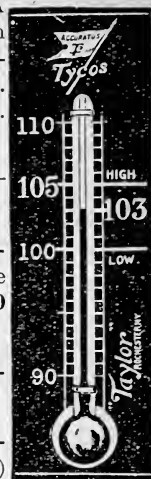
STAR EGG CARRIERS—A handy wooden case, holding 1 dozen eggs—easy to handle, avoids breakage and miscounts. 25 cts. each. (P. P. 14 oz.); \$2.50 dozen (P. P. 13 lbs.).

STANDARD EGG TESTERS—Price, 25 cts. (P. P. 4 oz.).

TYCO INCUBATOR THERMOMETERS—Adjustable, can be used in any machine. Price, 60 cts. (P. P. 3 oz.).

BUCK EYE THERMOMETERS, 75 cts. each (P. P. 3 oz.).

BROODER THERMOMETERS—Price, 50 cts. (P. P. 3 oz.).



KNOX MEDICATED NEST EGGS—5 cts. each (P. P. 3 oz.); doz., 50 cts. (P. P. 2 lbs.).

PROCELAIN NEST EGG—2 for 5 cts. (P. P. ½ lb.); 25 cts. doz. (P. P. 8 oz.).



LEADER ALUMINUM LEG BANDS—Adjustable, and can be made in different sizes to fit the fowls. Numbered consecutively from 1 to 100.

No. 1—For small breeds.

No. 2—For large breeds, 15 cts. doz.; 100, 75 cts., postpaid.

DOUBLE CLINCH ALUMINUM LEG BANDS—In all sizes from pigeons to largest fowls. Numbered consecutively from 1 to 100. Write what breed of fowls wanted for and we will send proper size. 15 cts. doz.; 75 cts. 100, postpaid.

SULPHUR FUMIGATING CANDLES—Splendid fumigators and germ destroyers. 15 cts. each; (P. P. 6 oz.) \$1.50 doz. (P. P. 4 lbs.)

The Norwich Automatic Exerciser and Feeder described on page 61 is an excellent feed and labor saver. Booklet free.

Pratts.

Animal and Poultry Regulator and Remedies

Satisfaction Guaranteed or Money Refunded

PRATTS POULTRY REGULATOR



This is the original Poultry Regulator of America, in use by the most successful poultry raisers everywhere.

It is a guaranteed egg producer, and when regularly used, hens lay throughout the year.

It is a perfect digestive and tonic and will prevent chicken cholera, gapes, roup, rheumatism, expel worms, prevent leg weakness, egg eating. It also greatly improves turkeys, geese, ducks, pigeons and guineas—insuring quick, healthy growth.

4 lb. pkgs., 50 cts. (P. P. wt., 4 lbs. 5 oz.)

9 lb. pkgs., \$1.00 (P. P. wt., 9 lbs. 4 oz.)

25 lb. pails, \$2.50; 100 lb. bags, \$9.00.

PRATTS POULTRY DISINFECTANT AND LICE KILLER.



If poultry keepers would regularly spray the chicken houses, roosts, dropping boards and utensils with Pratt's Poultry Disinfectant, most all their troubles would vanish. This great Disinfectant is a real wonder-worker in the poultry yard. Put up in 1-qt, 2-qt. and 1-gallon cans.

PRATTS ROUP REMEDY, PILLS OR POWDER



is a scientific preparation GUARANTEED to prevent and cure roup, colds, canker, catarrh and diphtheria.

In severe cases individual treatment with the PILLS is the only sure method. For mild cases and as a preventive, crush the pills or use the powdered form, and mix in the drinking water. 25 cts. boxes (P. P. wt., 5 oz.); 50 cts. boxes (P. P. wt., 9 oz.); \$1.00 boxes (P. P. wt., 1 lb. 8 oz.).

Pratts Head Lice Ointment—25 cts. boxes (P. P. wt., 6 oz.).

Pratts Gape Remedy—25 cts. boxes (P. P. wt., 4 oz.). 50 cts. boxes (P. P. wt., 9 oz.).

Pratts Scaly Leg Remedy—25 cts. boxes (P. P. wt., 6 oz.); 50 cts. boxes (P. P. wt., 11 oz.).

PRATTS BABY CHICK FOOD.

This is one of the greatest Money Savers and greatest Chick Savers ever placed on the market. Every man, woman or child who raises little chicks, turkeys, ducks and geese should try at least one package of Pratt's Baby Chick Food. It is a scientific food ration to be fed for the first three weeks. If you want *real success* with your hatches, if you want to save all the baby chicks, if you want them to grow fast—get Pratt's Baby Chick Food on our recommendation for your first trial, after that you will never be without it.



3 lb. pkgs., 25 cts. (P. P. wt., 3 lbs., 5 oz.)

6½ lb. pkgs., 50 cts. (P. P. wt., 7 lbs. 2 oz.).

14 lb. bags, \$1.00, 100 lb. bags, \$5.75.

PRATTS LICE KILLER.

(Powdered Form).

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens, and incubator chicks. It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant, for all poultry houses, barns, stables, and dwellings. Drives out moths from closets, furniture, carpets and clothing.



1 lb. pkg., 25 cts. (P. P. wt., 1 lb. 3 oz.).

2½ lb. pkg., 50 cts. (P. P. wt., 2 lbs. 11 oz.).

PRATTS WHITE DIARRHOEA REMEDY.

This remedy will positively save many dollars worth of little chicks to poultry raisers. It has taken us nearly three years to find a remedy for White Diarrhoea and we are so sure that we have it in this article that we authorize our dealers throughout the world to refund the purchase price in case it fails. 25 cts. boxes (P. P. wt., 2 oz.) 50 cts. boxes (P. P. wt., 5 oz.).



Pratts Chicken Cholera Remedy—25 cts. boxes (P. P. wt., 5 oz.); 50 cts. boxes (P. P. wt., 9 oz.).

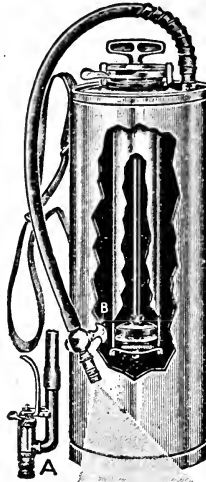
Pratts Sore-Head-Chicken Pox Remedy—25 cts. boxes (P. P. wt., 5 oz.); 50 cts. boxes (P. P. wt., 12 oz.).

We Carry a Full Line of Pratt's Animal Regulator and Veterinary Remedies

Pumps and Devices for Spraying

AUTO SPRAY No. 1— Accepted as the standard in compressed air sprayers and fully guaranteed by the manufacturers. Useful in every variety of spraying, trees, crops, whitewash and disinfectants. Recommended not alone because of its durability, but of its efficiency, which is far ahead of any other machine of this style.

Auto Pop No. 1, the only self-cleaning nozzle and operates automatically.



PATENTED
AUTO SPRAY No. 1.

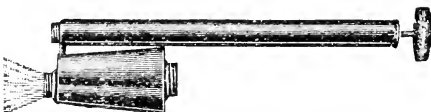
- A—Brass tank with stop cock.....\$7.00
B—Brass tank with Auto Pop No. 1..... 7.50
C—Galvanized tank with stop cock..... 4.50
D—Galvanized tank with Auto Pop No. 1. 5.00
Brass 2-ft. extension, per length..... .50

THE "EASY" COMPRESSED AIR SPRAYER.



The only one of its kind on the market. Strong, durable, when pumped slowly gives a continuous spray.

Has a large and strong pump, Automatic shutoff nozzle. Can be used for whitewashing, disinfecting and cleaning chicken houses, and is very desirable for gardens, etc. It is built of galvanized steel. Holds one gallon. Each, \$2.25 (P. P. 3 lbs.).

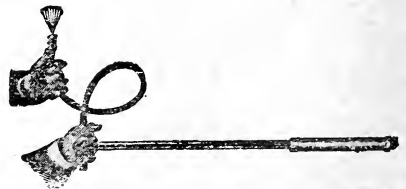


DRY POWDER DUSTER—This is for dusting, Slug Shot, Bug Death, or any insecticide in a powdered state. Price, 60 cts. (P. P. 1 1/4 lbs.)

GLASS TANK SPRAYER—Solution tank is a one-quart Mason Glass Fruit Jar. Price, 60 cts. each. (P. P. 2 1/4 lbs.).



MIDGET HANDSPRAYER—For spraying house plants and fumigating. 1 pint size, 30 cts. (P. P. 1 lb.).



JUNIOR PUMP SPRAYER—This pump requires no fastening of any kind, holds itself down and works anywhere. Everything except handle and hose are solid brass. Is the easiest working and will do more different kinds of work than any pump made. Will pump from a pail, barrel, tank, spring or creek, without fastening of any kind. Weighs only three pounds. Ready for instant use everywhere. Will throw solid continuous streams, one flat spray and one fine round spray. Has automatic mixer to keep solution stirred. Price, \$3.00 (P. P. 2 1/2 lbs.).

ACRE AN HOUR SIFTER—A strong, 1 gallon-size, bucket shaped duster with stationary handles, has perforated bottom for sifting powders on plants. 50 cts. each (P. P. 1 lb.).





DICKEY DUSTERS—A small long cylinder duster for applying dry powder on plants, **25 cts** each (P. P. 1 lb.).

Sundry Articles for the Gardener's Use

MEHLER'S HANDY GARDENER

Hoe, Rake, Weeder & Cultivator In One

Works with ease--Saves the knees

An entirely distinct tool $5\frac{1}{2}$ in. wide with a special handle $4\frac{1}{2}$ ft. long; entire weight 2 lbs.

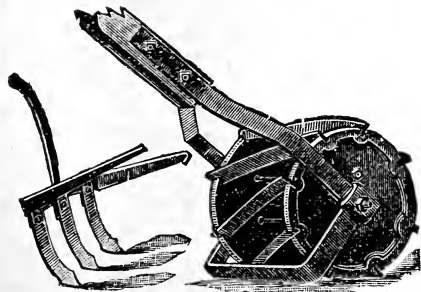
Note the special arrangement of the 5 teeth, which allows cultivation closer to the plant than any other device, and at the same time on three sides at one stroke; you being in a comfortable standing position.

No hoe is needed where this tool is used; just the thing for working among flowers and young vegetable plants. Send for descriptive circular,

75c Each



BARKER'S WEEDER AND MULCHER—This hand weeder is made on the order of a roller, and cuts every sprig of grass and weeds and mulches and pulverizes the ground at one operation. Especially recommended for cultivation of onions and other small vegetables. 6 in. width, \$4.75; $8\frac{1}{2}$ in. width, \$5.25; 11 in. width, \$5.50.



THREE PRONG HAND WEEDERS—15 cts each (P. P. 4 ozs.).

GARDEN TROWEL—Made of the best steel, 25 cts. each (P. P. 8 oz.).

ONE WHEEL GARDEN PLOW—A strong and durable wheel garden plow. Price, \$2.50.

IDEAL SPRAYER—This sprayer is mounted on a wheel barrow frame, can be rolled from place to place, has strong force pump. and by using extension pipe can spray on the ground or any distance up to 30 feet high. Tank holds 15 gallons. Price \$20.00.

GARDEN LINE—50 feet long, 25 cts. (P. P. 8 oz.).

JUTE TWINE for bunching vegetables, tying up tomatoes, grape vines, etc., 2 ply or 3 ply, 16 cts. lb.; 5 lbs. and over, at 15 cts. (P. P.)

BINDER TWINE—Standard, 5 lb. bale, 70 cts.; 50 lb. bale, \$6.00.

HOT BED SASH—Open sash (without glass), yellow pine, grooved, 90 cts.; each. Cypress, grooved or rabbited, \$1.00 each.

GLASS FOR HOT BED—Per box, of 150 lights, 6x8, \$2.25; per box of 90 lights, 8x10, \$2.60.

BERRY BASKETS—1,000 to the crate, qt. size, \$3.75 per 1,000; pint size, \$3.75 per 1,000.

FRUIT BASKETS—2 qt. size, per 1,000, \$8.50.

FOUR QUART PEACH BASKETS—Per 100, \$1.25; 1,000, \$10.00.

ASPARAGUS KNIVES—40 cts. each (P. P. 6 ozs.).

PRUNING SHEARS OR SNIPS—60 cts. (P. P. 5 ozs.) each.

PULVERIZED SHEEP MANURE—A pure, natural nutritious manure. Immediate and lasting in effect. Excellent for mixing with the soil for greenhouse plants. In the vegetable garden it promotes a rapid, steady growth until maturity. It makes a rich liquid manure. Applied in fall or spring. In packages, 1 lb., 10 cts.; 5 lbs. 25 cts.; 10 lbs. 40 cts. (P. P.)

D. & B.'S PURE GROUND BONE—For use on pot plants, gardens, and lawns. Directions on package, 6 lb. pkgs., 25 cts. Sufficient for 300 square feet. (P. P. 7 lbs.).

D. & B.'S HIGH GRADE FERTILIZERS—Produces rapid growth and quick maturity of all vegetables. 6 lb. pkgs, 25 cts. (P. P. 7 lbs.). For 500 running feet.

Insecticides

Poisons Cannot be Sent by Parcels Post.

KEROSENE EMULSION—Prepared according to the most improved formula; ready for use by simply adding water (25 to 50 quarts water to one of Emulsion). For cabbage worm, scale on trees, caterpillars, melon louse, rose bugs, green fly and lice of all kinds, all sucking insects, either on plants or animals. Price—1 qt., 30 cts.; 2 qts., 50 cts.; gal., 80 cts.; 5 gals., \$3.50.

HAMMOND'S SLUG SHOT—A very effective and one of the cheapest and best powders for destroying insects. 5 lb., pkg. 30 cts.; 100-lb. lots at 5 cts. per lb. Filled 1 lb. canisters, with perforated top ready for dusting on, 20 cts. each.

Pamphlet giving full information mailed on request.

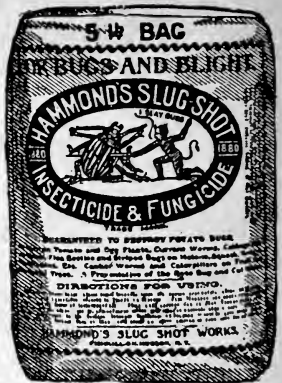
HELLEBORE—For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Paris Green and London Purple, and safer to use when fruits or vegetables are nearly ripe. Can be used as a powder or dissolved, 1 oz. in 3 gallons of water. Price— $\frac{1}{2}$ lb., 15 cts.; lb., 25 cts.



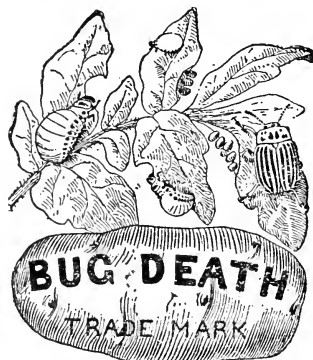
BUG DEATH—A safe and sure insect destroyer. Will not burn the vine or leaf. Promotes growth and increases yield. Harmless to animals. Safe to handle. Will not wash off. If desired, may be mixed with water, using $\frac{1}{4}$ pound Bug Death to 1 gallon water. Lb., 15 cts.; 3-lb. pkg., 35 cts.; 5 lbs., 50 cts.; 12 $\frac{1}{2}$ lbs., \$1.00; 100-lb. keg, \$7.50.

SULPHUR—To be used on Irish potatoes tubers when planting. 8 cts. per lb.; 10 lbs. or over, at 5 cts. per lb. Barrel price on application.

WHALE OIL SOAP—Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of trees to prevent worms from crawling up. Lb., 15 cts.



BORDEAUX MIXTURE—To be diluted 10 or 20 times with water and sprayed. A superb article; ready for immediate use. Works freely without



Pat. March 16 and Nov. 9, 1897.

clogging in any spraying machine. In pulp, 1 lb. jars, 25 cts.; 5 lb. pkg., 75 cts.; 25 lb. pkg., \$3.00. Write for prices for large quantities.

PARIS GREEN—Is effectual for destroying potato bugs and other insects. Is a very strong poison, and should be used carefully. Mix 1 lb. Paris Green to 50 lbs. of plaster or with water 150 gallons. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb., 25 cts.; 5-lb. pkg., at 23 cts. lb.

LEMON OIL INSECTICIDE—For destroying mildew and insects on house plants, poultry and pet stock. $\frac{1}{2}$ pt., can 25 cts.; 1 qt., can 40 cts.

LIME AND SULPHUR WASH—For spraying fruit trees and all nursery stock. For destroying San Jose scale and other diseases and insects. Qt., 25 cts.; gal., 75 cts.; 5 gal., \$2.00; 10 gal., \$3.25; bbl. of 50 gals., \$11.00.



STERLINGWORTH LIME AND SULPHUR WASH

The most effective Remedy for San Jose Scale, Oyster Shell Scale, Scurry Scale and Rusty Fungus

ARSENATE OF LEAD—For destroying insects and diseases on vegetables and shrubs. Lb., 20 cts.; 5 lb., 90 cts.; 12 $\frac{1}{2}$ lbs., \$2.00.

POWDERED ARSENATE OF LEAD—This should be mixed thoroughly with a small quantity of water to a cream consistency then add the required amount of water according to recommendations on package. 1 lb. package, 40 cts.; 5 lb. package, \$1.75.

TOBACCO DUST—A splendid insecticide to dust on melons and all vegetable plants to destroy insects. It also acts as a fertilizer. 3 $\frac{1}{2}$ lb. pkg., 15 cts.; 25 lbs., 50 cts.; 75 lbs., \$1.00; 100 lbs., \$1.25; 1,000 lbs., \$10.00.

STERLINGWORTH FLY DRIVER—OR CATTLE COMFORT—This is a most excellent preparation for spraying cattle and stock of all kinds to keep off flies and all other insects. Use 1 qt. to 2 gallons of water. 1 qt., 50 cts.; 2 qts., \$1.00.

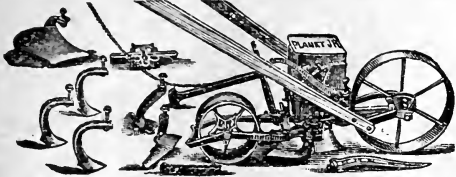
CHLORO—NAPHTHOLEUM—A splendid disinfectant to be used around stables, cow barns, hog pens, poultry houses, etc. Is also recommended for spraying stock to keep off flies and other insects and is a preventive and cure for sores, scabs and other skin diseases. Dairymen and stock raisers will find it very profitable to use this disinfectant. 1 qt., 60 cts.; 2 qts., \$1.00; 1 gal., \$1.50.



Planet Jr. Garden Tools

Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your order to us you can rely on getting bottom prices.

No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.



Price Complete, \$10.50. Weight, 53 lbs.
As a Seeder Only, \$8.50. Holds $2\frac{1}{2}$ Quarts of Seed.
This tool combines, in a single convenient implement, a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, an excellent furrower, a capital wheel cultivator and a rapid and efficient wheel garden plow.

No. 11 PLANET JR. DOUBLE WHEEL HOE, CULTIVATOR, PLOW AND RAKE.



Steel Frame.

Price with attachments as in cut, \$8.50.
Weight packed, 39 lbs.

The hoes are the most valuable of all the wheel hoe attachments; are oil tempered and polished. Use the 4-inch for 6, 10 or 12-inch rows; the 6-inch, for rows 12 inches and upwards.

The plows are invaluable; use them with points together for opening furrows for manure, seed, etc.; then exchange sides for covering; use them also for plowing away from or toward the crop, both sides at once.

The cultivating teeth for deep or shallow work, and for marking out.

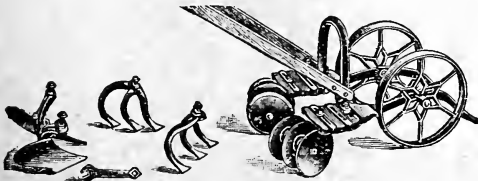
Leaf lifters save time and enable fine work to be done close to the row without additional labor, when plants are large or leaves are flat on the ground.

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.

Price, \$6.50. Weight, 34 lbs.

This tool is identical with No. 11 Wheel Hoe, except that it has one pair plows, one pair hoes, two pairs cultivator teeth and a pair of leaf lifters only, and is sold at a correspondingly less price. The tools sold with No. 12 are what gardeners use most, and the others can be added as wanted.

No. 14 PLANET JR. DOUBLE WHEEL DISC HOE, CULTIVATOR AND PLOW.



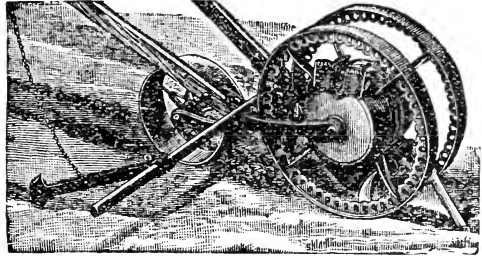
Steel Frame.

Price, with Attachments, as in cut, \$7.50.
Weight, 38 lbs.

This new tool will give excellent satisfaction; is especially pleasing to all who work peat lands. There are three oil tempered discs on each side. The frame is steel.

The set of prong cultivator teeth are constructed on entirely new lines, and will be found invaluable in general cultivation. The plows are the regular Planet Jr. model and are continually valuable for furrowing, covering and plowing.

No. 2 PLANET JR. DRILL SEEDER.



Price, \$7.00. Holds 3 Quarts. Weight, packed 37 lbs.
The No. 2 is one of the first really good seed drills ever made in the United States. It has given excellent satisfaction for thirty years, and continues to do so, to-day.

No. 16 PLANET JR. SINGLE WHEEL HOE, CULTIVATOR, RAKE AND PLOW.



Steel Frame.

Price, \$5.35. Weight, 25 lbs.

We offer these Single Wheel Hoes as the highest type of their class. They have a great variety of tools which adapt the implements to a large variety of work, and there is scarcely any garden culture of which they are not capable.

Nos. 16 and 17 wheels, frames and handles are alike, but the attachments sold with each vary.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

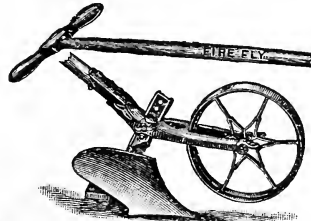
All our wheel hoe tools are of a special pattern, carefully tested by practical men; no others ever offered compare with them. All the steel parts are high carbon steel, oil tempered, finely formed, finished and polished and work to a charm.

No. 17 PLANET JR. SINGLE WHEEL HOE.

Price, \$4.50. Weight, 23 lbs.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

FIRE-FLY GARDEN PLOW.



Price, \$2.25. Packed, weight 14 lbs.

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.

Diggs & Beadles' High-Grade Fertilizers

We have these brands manufactured especially to meet the requirements of the different crops for which they are recommended. We believe in the liberal use of Potash, and have kept this in mind in the manufacture of these special brands.

Our sales on D. & B.'s brands are increasing yearly, which is conclusive proof of their sterling merit. Our customers who once use these brands are always sure to use them again. We recommend them with utmost confidence.

DIGGS & BEADLES' HIGH GRADE SPECIAL FOR VEGETABLES.

This is our complete high grade fertilizer for cabbage, early potatoes and all vegetables requiring a quick and strong plant food. It has proven to be one of the best fertilizers for early crop. It does not fire or burn the crops, as some other high grade goods.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....6 to 7 per cent.
Potash.....7 to 8 per cent.

Per 200 lb. sack, \$4.10; per ton, \$40.00.

DIGGS & BEADLES' POTATO AND BERRY GROWER.

In this brand we have a complete, well balanced fertilizer for potatoes and berries, and it is one that will fill a long-felt want. It is intended for either early or late potatoes. It has just the required nitrogen to force the growth and make vigorous vines, and a larger per cent. of potash to mature the crop. We also recommend it highly for top-dressing berries in the spring. It will produce a good growth of vines and greatly increase the yield of berries.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....5 to 6 per cent.
Potash.....8 to 9 per cent.

Per 200 lb. sack, \$3.90; per ton, \$38.00.

DIGGS & BEADLES' VINE AND VEGETABLE GROWER.

In this brand we have one of the best moderate price fertilizers that can be had for all vegetables, especially vine crops and tobacco, and it will not fire the crop during droughts as some other brands. Our sales on this brand has increased enormously every year since we first put it on the market.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....3 to 4 per cent.
Potash.....4 to 5 per cent.

Per 200 lb. sack, \$2.90; per ton, \$28.00.

DIGGS & BEADLES' GARDEN GUANO

This is a complete fertilizer at a moderate price. It is suitable for all vegetable crops, as well as field crops. Only regulate the quantity used by the condition of the soil, and the crop it is used on, viz., cabbage and potatoes would require twice as much as would corn or peas. For the convenience of small gardeners, and farmers who do not need 200 pounds we have this put up also in 100 lb. sacks.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....2 to 3 per cent.
Potash.....3 to 4 per cent.

Per 100 lb. sacks, \$1.35; per 200 lb. sacks, \$2.50; per ton, in 200 lb. sacks, \$24.00.

DIGGS & BEADLES' GRAIN GROWER

An excellent Fertilizer at a moderate price, for corn and other grain and grass crops, field peas and beans.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....1¼ to 2 per cent.
Potash.....2 to 3 per cent.

Per 200 lb. sack, \$2.10; per ton, \$20.00.

Virginia-Carolina Chemical Company's Standard Brands of Fertilizers.

VIRGINIA TRUCKERS.

A high grade Vegetable Fertilizer, especially recommended for Irish potatoes and other quick growing crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....5 to 6 per cent.
Potash.....5 to 6 per cent.
Per 200 lb. sack, **\$3.60**; per ton, **\$35.00**.

CAPITAL TRUCK.

A reliable fertilizer for all vegetables.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....4 to 5 per cent.
Potash.....3 to 4 per cent.
Per 200 lb. sack, **\$3.10**; per ton, **\$30.00**.

OLD DOMINION SWEET POTATO.

Especially recommended for Irish and Sweet Potatoes. Also good for other vegetable crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....6 to 8 per cent.
Ammonia.....2 to 3 per cent.
Potash.....6 to 8 per cent.
Per 200 lb. sack, **\$2.70**; per ton, **\$26.00**.

STAR BRAND SPECIAL TOBACCO.

Is a splendid Fertilizer and especially recommended for Tobacco.

GUARANTEED ANALYSIS.

Phosphoric acid available.....9 to 11 per cent.
Ammonia.....2¾ to 3½ per cent.
Potash.....2 to 3 per cent.
Per 200 lb. sack, **\$2.60**; per ton, **\$25.00**.

EUREKA AMMONIATED BONE.

One of the best moderate price Fertilizers for grain and grass crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....2 to 3 per cent.
Potash.....2 to 3 per cent.
Per 200 lb. sack, **\$2.35**; per ton, **\$22.50**.

BEEF, BLOOD AND BONE.

A well-known brand of Fertilizer, recommended for corn, field peas, beans, millets, oats and fodder plants.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8½ to 10 per cent.
Ammonia.....2 to 3 per cent.
Potash.....1 to 2 per cent.
Per 200 lb. sack, **\$2.30**; per ton, **\$22.00**.

STAR BRAND VEGETABLE.

A well-known Vegetable Fertilizer for peas, tomatoes, melons and all vine crops.

GUARANTEED ANALYSIS.

Phosphoric acid available....8 to 10 p r cent.
Ammonia.....4½ to 5½ per cent.
Potash.....4 to 5 per cent.
Per 200 lb. sack, **\$3.40**; per ton, **\$33.00**.

PURE RAW-BONE MEAL

Especially recommended for small fruits, grain, grass and clover, and is a permanent soil improver.

GUARANTEED ANALYSIS.

Phosphoric acid available.....22½ per cent.
Ammonia.....4½ per cent.
Per 200 lb. sack, **\$3.90**; per ton, **\$38.00**.

LITTLE GIANT GRAIN AND GRASS GROWER.

Recommended for all kinds of grain, grass, corn and pea crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
Ammonia.....1.20 to 2 per cent.
Potash.....2 to 3 per cent.
Per 200 lb. sack, **\$2.10**; per ton, **\$20.00**.

V.-C. SPECIAL POTASH MIXTURE.

For grain and grass crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....10 to 12 per cent.
Potash.....4 to 5 per cent.
Per 200 lb. sack, **\$1.70**; per ton, **\$16.00**.

SIXTEEN PER CENT. ACID PHOSPHATE.

Per 200 lb. sack, **\$1.60**; per ton, **\$15.00**.

MURATE OF POTASH—Per 200 lb. sack, **\$4.75**; per ton, **\$46.00**.

SULPHATE OF POTASH—Per 200 lb. sack, **\$5.60**; per ton, **\$54.00**.

KANIT—Per 200 lb. sack, **\$1.50**; per ton, **\$14.00**.

NITRATE OF SODA—Per lb., 5 cts.; 25 lbs., **\$1.00**; 100 lbs., **\$3.25**; 200 lb. sack, **\$5.75**; ton, **\$56.00**.

LAND PLASTER—Per 200 lb. sack, 75 cts.; per ton, **\$7.00**.

THOMAS BASIC SLAG—Per 200 lb. sack, **\$1.60**; ton, **\$15.00**.

LEE'S PREPARED AGRICULTURE LIME—For cotton, corn, peanuts, tobacco, grain and grass crops. Per 200 lb. sack, **\$1.20**; per ton, **\$11.00**.

SHELL LIME—Per ton, **\$6.50**; special price in car lots.

Baugh's Pure Ground Bone Meal

GUARANTEED ANALYSIS.

Phosphoric acid available.....23 per cent.
 Ammonia.....4½ per cent.
 Per 200 lb. sack, **\$3.90**; per ton, **\$38.00**.

Swift's Bone Fertilizers

We are the authorized agents for Swift's High Grade Fertilizers, and we highly recommend them to all wanting a complete Fertilizer made from a Bone Basis. Our customers who have used these goods are loud in their praise of them. The goods are put up dry and light and drill perfectly.

SWIFT'S POTATO AND TOMATO GROWER.

A High Grade Fertilizer, particularly valuable for crops or soils needing much potash.

GUARANTEED ANALYSIS.

Phosphoric acid available.....6 to 8 per cent.
 Ammonia.....4 to 5 per cent.
 Potash.....10 to 12 per cent.

Price, per 200 lb. sack, **\$3.80**; per ton, **\$37.00**.

SWIFT'S POTATO AND TOBACCO GROWER.

A complete High Grade Fertilizer for potatoes and all vegetables.

GUARANTEED ANALYSIS.

Phosphoric acid available.....10 to 12 per cent.
 Ammonia.....4 to 5 per cent.
 Potash.....5 to 6 per cent.

Price, per 200 lb. sack, **\$3.60**; per ton, **\$35.00**.

SWIFT'S GOLDEN GRAIN GROWER.

A splendid Fertilizer for all grain crops.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
 Ammonia.....2 to 3 per cent.
 Potash.....5 to 6 per cent.

Per 200 lb. sack, **\$2.60**; per ton, **\$25.00**.

SWIFT'S ONION, POTATO AND TOBACCO GROWER.

A complete vegetable Fertilizer where much ammonia is not required.

GUARANTEED ANALYSIS.

Phosphoric acid available.....8 to 10 per cent.
 Ammonia.....2 to 3 per cent.
 Potash.....7 to 8 per cent.

Price, per 200 lb. sack, **\$3.10**; per ton, **\$30.00**.

We have a few good Incubators and Brooders slightly used and shop worn, but otherwise as good as new, which we offer as below until sold. This is an unusual opportunity to get good machines at a great saving.

All are Hot Air Machines.

INCUBATORS.

	Price	Original Price
64 Egg Cornell	\$10 00	\$14 00
128 Egg Cornell	15 00	20 00
232 Egg Cornell	21 00	29 00
364 Egg Cornell	28 00	37 00
50 Egg Banta	6 00	11 00
120 Egg Banta	14 00	18 50

BROODERS.

No. 2 Peep O Day Brooder. (For Indoor or Outdoor Use), Capacity 75 to 100 chicks.....	9 00	12 00
No. 3 Peep O Day Brooder (For Indoor or Outdoor Use), Capacity 50 Chicks.....	6 00	7 50
No. 4 Peep O Day Brooder (For Indoor Use Only), Capacity 50 chicks.....	7 00	8 50
No. 6 Peep O Day Brooder (For Indoor or Outdoor Use), Capacity 100 chicks.....	11 00	14 50
No. 7 Peep O Day Brooder (For Indoor or Outdoor Use), Capacity 100 chicks.....	10 00	13 00
New Homestead (Outdoor), Capacity 100 chicks.....	9 00	12 00
New Standard (Outdoor), Capacity 100 chicks.....	7 50	9 00

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For full instructions about ordering, read "Important Notes" in front of catalogue.

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PARCELS POST RATE

On all articles listed in this catalog subject to the Parcels Post rate we have marked P. P. and given the packed weight of each article, so that extra for postage may be added on all such articles according to the Zone in which your Post Office is located, measuring from Richmond, and your Post Master will tell you in which Zone you are from Richmond.

For small packages weighing 4 ozs. or less a special rate of 1c. per oz. or fraction is provided covering all Zones. A package weighing 4 ozs. and less than a pound is charged for at one pound rate. Packages not exceeding 50 lbs. in weight can now be mailed in the first and second Zones, and a package not exceeding 20 lbs. can now be mailed in all other Zones, provided the combined length and girth is not over 72 in.

SEEDS, BULBS AND PLANTS ARE NOT ADMITTED AT THE PARCELS POST RATE.

The postage rate on these articles remain as before, 1c. per 2 oz. or fraction thereof, 8c. per lb. regardless of distance.

Poisons and Liquids Cannot Be Sent by Parcels Post

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2nd. Zone within 50 to 150 miles of Richmond.....	5c	1c
3rd. Zone within 150 to 300 miles of Richmond.....	6c	2c
4th. Zone within 300 to 600 miles of Richmond.....	7c	4c
5th. Zone within 600 to 1,000 miles of Richmond.....	8c	6c
6th. Zone within 1,000 to 1,400 miles of Richmond.....	9c	8c
7th. Zone within 1,400 to 1,800 miles of Richmond.....	11c	10c
8th. Zone all over 1,800 miles of Richmond.....	12c	12c

INDEX

Page	Page	Page	Page
Artichoke..... 46	Celery..... 13	Kohl Rabi..... 17	Potatoes—Sweet..... 26
Asparagus..... 6	Corn—Garden..... 14-15	Lawn Grass..... 35	P'try Food & Supplies..... 58-63
Beans—Dwarf..... 6-7	Corn—Field..... 41-42	Leek..... 17	Pumpkin..... 27
Beans—Pole..... 8	Corn—Kaffir..... 45	Lettuce..... 18	Radish..... 28
Beans—Lima..... 8-9	Corn—Salad..... 16	Melon—Musk..... 19-20	Rape..... 28
Beans—Soja..... 42	Cucumber..... 16	Melon—Water..... 21-22	Rhubarb Roots..... 28
Beans—Navy..... 45	Cress..... 14	Milo Maize..... 45	Rye..... 28
Beans—Velvet..... 42	Clover Seed..... 36-37	Millet..... 45	Salsify..... 30
Brussels Sprouts..... 10	Egg Carriers..... 62	Mustard..... 23	Sorghums..... 45
Beets..... 9-10	Egg Plant..... 17	Oats..... 43	Sprayers and Dusters..... 64-65
Beggar Weed..... 46	Endive..... 17	Onion Seed..... 22-23	Spinach..... 26
Berry Baskets..... 65	Flax Seed..... 60	Onion Sets..... 23	Squash..... 27
Bird Seed..... 60	Flower Seeds..... 47-57	Okra..... 23	Sunflower..... 46
Broom Corn..... 45	Fertilizers..... 68-73	Parsley..... 23	Tecoste..... 46
Buckwheat..... 45	Farmogerm..... 37	Parsnip..... 23	Tobacco..... 32
Bulbs..... 57	Grass Seeds..... 38-40	Peas—Garden..... 24-25	Tomato..... 29-30
Barley..... 43	Gourds..... 56	Peas—Field..... 44	Tuberose..... 57
Cabbage..... 11-12	Hot-Bed Sash and Glass..... 65	Peanuts..... 46	Turnip..... 31
Cahoon Seeders..... 40	Herbs..... 18	Plaster..... 69	Twine..... 65
Carrot..... 13	Insecticides..... 66	Pepper..... 25-26	Vegetable Plants..... 20
Cauliflower..... 13	Incubators & Brooders..... 60-73	Plant, Jr., Garden Tools..... 67	Vetches..... 46
Collards..... 16	Kale..... 17	Potatoes—Irish..... 3-5	Wheat..... 43

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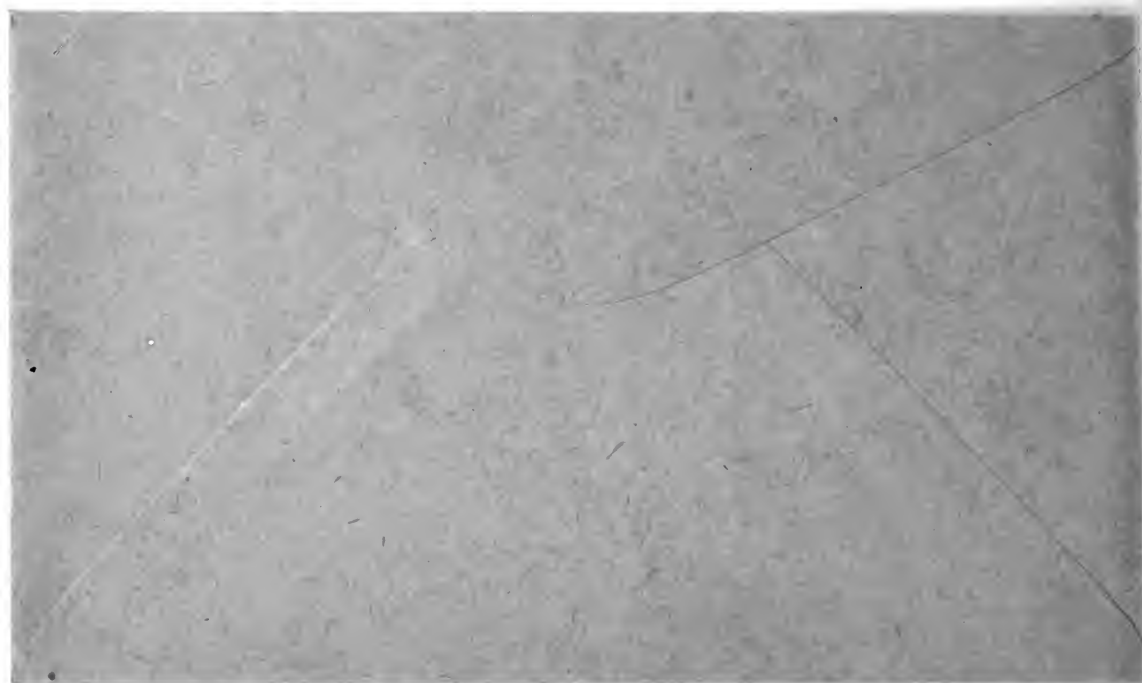
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